ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION SUBJECT INDEX

NOTE: Abstracts of scientific papers presented at the annual meetings of the American Congress of Rehabilitation Medicine and the American Academy of Physical Medicine and Rehabilitation in Los Angeles, November 6–11, 1983, are indicated by (abs).

A

ABDOMEN, ACUTE, abdominal emergencies post spinal cord injury 484, (abs)
ABSTRACTS, 1983 Congress/Academy scientific program, 482
ABSTRACTS OF SELECTED LITERATURE, 19, 28, 23, 80, 84, 162, 175, 185, 205, 286, 316, 321, 325, 330, 345, 370, 377, 401, 407, 428, 435, 475, 555, 557, 563, 571, 582, 590, 596, 600, 605, 616
ACADEMY, American, of Physical Medicine and Rehabilitation
. . . abstracts, 45th annual assembly, 482
. . . liaison council of PM&R societies, 335
. . . officers, committees, liaisons, 142
. . . President, 1982-83, M.M. Freed, 46
. . . Presidential address, 1982, J.F. Ditunno, 191
. . . USA PM&R societies, 334
. . . Zeiter lecture, G.K. Stillwell, 97
ACCESSORY NERVE, conduction (abs), 483
. . . shunt surgery (abs), 484
ACCOUNTING, nonchargeable clinical activities (abs), 484
ACTIVITIES OF DAILY LIVING, follow-up in patients with rheumatic disease (abs), 510
AEROBIC CAPACITY, in early paraplegia (abs), 484
AGE FACTORS, amputee oxygen consumption, 255
AMBULATORY CARE, productivity measures (abs), 507
AMPUTATION, bilateral above-knee amputee (abs), 519
. . . diagnostic indicators in SCI, 329
. . . energy expenditure in amputees, 300
. . . hemipelvectomy sling support device, 331
. . . nobility device for phocomelia, 137
. . . revascularization surgery, 125
AMPUTEE, lower extremity blind patients (abs), 513
. . . 67 bilateral below-knee amputees (abs), 497
AMPUTEES, above-knee double amputee (abs), 513
. . . amputee oxygen consumption, 255
. . . elderly above-knee double amputee (abs), 513
. . . functional comparison in prostheses use, 243
. . . gait analysis (abs), 482
. . . gait patterns in A-K amputee patients, 339
. . . management of non-healing residual limb (abs), 487
. . . middle aged amputees (abs), 487
. . . post-operative complications (abs), 511
. . . prosthetic use in above-knee amputees (abs), 511
. . . the limb-deficient child in rehabilitation, 237
AMYOTROPHIC LATERAL SCLEROSIS, rehabilitation approach, 304
ANESTHESIA, GENERAL, sciatic nerve compression, 65
ANGINA PECTORIS, exercise therapy, 396
ANTERIOR INTEROSSEOUS NERVE (abs), 485
APHASIA, improved communication prognosis, 597
. . . international trends in aphasia rehabilitation, 462
. . . pain in dysphasic hemiplegics (abs), 498
. . . program for ambulatory aphasic (abs), 489
. . . subarachnoid hemorrhage (abs), 485
ARCHIVES OF PM&R
. . . Board chairperson G. J. Herbison, 46
. . . Board member, J. S. Lieberman, 93
. . . information for authors, 41
. . . manuscript reviewers, 439
ARTHRITIS, revascularization surgery, 125
ARTHRITIS, intra-articular temperature, 113
ARTHRITIS REHABILITATION, rheumatology and rehabilitative medicine programs (abs), 518
ARTHRITIS, RHEUMATOID, cubital tunnel syndrome, 163
. . . wrist subluxation, 69
ARTHROGRYOSIS, oral-facial dysfunction (abs), 507
ARTHROPATHY, uncommon radiographic finding (abs), 509
ARTIFICIAL LIMBS, functional comparison in prostheses use, 243
ATTITUDE, stress and chronic illness, 272
. . . toward sex counseling, 81
AUTOMOBILE, driving, physician's role (abs), 494
AUTOMOBILE DRIVER EXAMINATION, pre-driving evaluation (abs), 510
. . . the physician's role (abs), 494
AUTOMOBILE DRIVING, restraint system for handicapped persons, 374
AUTONOMIC DYSREFLEXIA (abs), 486
. . . paroxysmal hypertension (abs), 508

B

BACKACHE, back pain prediction, 560
. . . hypnosis in chronic low back pain, 548
. . . industrial back injuries (abs), 495
. . . inversion devices, lumbar distraction (abs), 497
. . . relationship between MMPI behavioral measures (abs), 486
. . . small group treatment (abs), 516
. . . ultrasound for back pain, 88
BEHAVIOR MODIFICATION to improve response, 525
BEHAVIORAL MEDICINE, patient behavior monitoring by self-reports, 167
BEHAVIORAL THERAPY, clinical exercise for stroke patients, 364
BELOW-KNEE AMPUTATION, bipedal ambulation (abs), 482
BIOFEEDBACK, auditory feedback device, 604
. . . biofeedback in CP hemiplegia, 160
. . . genu recurvatum; auditory biofeedback therapy 368
. . . myoelectric training for preschool children, 451
BLADDER, decontamination of urinary bags (abs), 491
BLADDER, NEUROGENIC, micturition monitor, 317
. . . neurogenic bladder management, 6
BLIND lower extremity amputee patients (abs), 513
BLINDNESS, treating inactivity and affective problems (abs), 523
BLINKING, blink reflex in children, 558
BLOOD FLOW VELOCITY, lower leg, in hemiplegia, 423
BOOK REVIEWS
Abt and Stuart, The Newer Therapies—A Source Book, Van Nostrand Reinhold Company, 416
Athelstan, The Disabled Worker: Overcoming the System's Barriers, University of Minnesota, 373
Basmajian, Primary Anatomy, 8th Edition, Williams & Wilkins, 171
Basmajian, Surface Anatomy, Williams & Wilkins, 280
Beveridge-Wavering, Written Language Remediation Exercises for the Older Elementary Child, Interstate Printers and Publishers, 359
Browne, Rehabilitation Services and The Social Work Role: Challenge for Change, Williams & Wilkins, 36
Brubaker, Sourcebook for Aphasia—A Guide to Family Activities and Community Resources, Wayne State University Press, 60
Bullard and Knight, Sexuality and Physical Disability—Personal Perspectives, C.V. Mosby, 64
Cailliet, Foot and Ankle Pain, F.A. Davis, 411
Cailliet, Hand Pain and Impairment, F.A. Davis, 171
Cantu and Gillespie, Sports Medicine, Sports Science—Bridging the Gap, D.C. Heath, 313
Cowan et at, Annual Review of Neuroscience, Volume 5, 1982, Annual Reviews, 299
Day, How to Write and Publish a Scientific Paper, 2nd Edition, ISI Press, 603
Drennan, Orthopaedic Management of Neuromuscular Disorders, J.B. Lippincott, 603
Goodgold and Eberstein, Electrodiagnosis of Neuromuscular Diseases, 3rd Edition, Williams & Wilkins, 607
Gerhardt, Amputations, Immediate and Early Prosthetic Management, Hans Huber, 211

ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION SUBJECT INDEX

NOTE: Abstracts of scientific papers presented at the annual meetings of the American Congress of Rehabilitation Medicine and the American Academy of Physical Medicine and Rehabilitation in Los Angeles, November 6–11, 1983, are indicated by (abs).

A

ABDOMEN, ACUTE, abdominal emergencies post spinal cord injury 484, (abs)
ABSTRACTS, 1983 Congress/Academy scientific program, 482
ABSTRACTS OF SELECTED LITERATURE, 19, 28, 23, 80, 84, 162, 175, 185, 205, 286, 316, 321, 325, 330, 345, 370, 377, 401, 407, 428, 435, 475, 555, 557, 563, 571, 582, 590, 596, 600, 605, 616
ACADEMY, American, of Physical Medicine and Rehabilitation
. . . abstracts, 45th annual assembly, 482
. . . liaison council of PM&R societies, 335
. . . officers, committees, liaisons, 142
. . . President, 1982-83, M.M. Freed, 46
. . . Presidential address, 1982, J.F. Ditunno, 191
. . . USA PM&R societies, 334
. . . Zeiter lecture, G.K. Stillwell, 97
ACCESSORY NERVE, conduction (abs), 483
. . . shunt surgery (abs), 484
ACCOUNTING, nonchargeable clinical activities (abs), 484
ACTIVITIES OF DAILY LIVING, follow-up in patients with rheumatic disease (abs), 510
AEROBIC CAPACITY, in early paraplegia (abs), 484
AGE FACTORS, amputee oxygen consumption, 255
AMBULATORY CARE, productivity measures (abs), 507
AMPUTATION, bilateral above-knee amputee (abs), 519
. . . diagnostic indicators in SCI, 329
. . . energy expenditure in amputees, 300
. . . hemipelvectomy sling support device, 331
. . . nobility device for phocomelia, 137
. . . revascularization surgery, 125
AMPUTEE, lower extremity blind patients (abs), 513
. . . 67 bilateral below-knee amputees (abs), 497
AMPUTEES, above-knee double amputee (abs), 513
. . . amputee oxygen consumption, 255
. . . elderly above-knee double amputee (abs), 513
. . . functional comparison in prostheses use, 243
. . . gait analysis (abs), 482
. . . gait patterns in A-K amputee patients, 339
. . . management of non-healing residual limb (abs), 487
. . . middle aged amputees (abs), 487
. . . post-operative complications (abs), 511
. . . prosthetic use in above-knee amputees (abs), 511
. . . the limb-deficient child in rehabilitation, 237
AMYOTROPHIC LATERAL SCLEROSIS, rehabilitation approach, 304
ANESTHESIA, GENERAL, sciatic nerve compression, 65
ANGINA PECTORIS, exercise therapy, 396
ANTERIOR INTEROSSEOUS NERVE (abs), 485
APHASIA, improved communication prognosis, 597
. . . international trends in aphasia rehabilitation, 462
. . . pain in dysphasic hemiplegics (abs), 498
. . . program for ambulatory aphasic (abs), 489
. . . subarachnoid hemorrhage (abs), 485
ARCHIVES OF PM&R
. . . Board chairperson G. J. Herbison, 46
. . . Board member, J. S. Lieberman, 93
. . . information for authors, 41
. . . manuscript reviewers, 439
ARTHRITIS, revascularization surgery, 125
ARTHRITIS, intra-articular temperature, 113
ARTHRITIS REHABILITATION, rheumatology and rehabilitative medicine programs (abs), 518
ARTHRITIS, RHEUMATOID, cubital tunnel syndrome, 163
. . . wrist subluxation, 69
ARTHROGRYOSIS, oral-facial dysfunction (abs), 507
ARTHROPATHY, uncommon radiographic finding (abs), 509
ARTIFICIAL LIMBS, functional comparison in prostheses use, 243
ATTITUDE, stress and chronic illness, 272
. . . toward sex counseling, 81
AUTOMOBILE, driving, physician's role (abs), 494
AUTOMOBILE DRIVER EXAMINATION, pre-driving evaluation (abs), 510
. . . the physician's role (abs), 494
AUTOMOBILE DRIVING, restraint system for handicapped persons, 374
AUTONOMIC DYSREFLEXIA (abs), 486
. . . paroxysmal hypertension (abs), 508

B

BACKACHE, back pain prediction, 560
. . . hypnosis in chronic low back pain, 548
. . . industrial back injuries (abs), 495
. . . inversion devices, lumbar distraction (abs), 497
. . . relationship between MMPI behavioral measures (abs), 486
. . . small group treatment (abs), 516
. . . ultrasound for back pain, 88
BEHAVIOR MODIFICATION to improve response, 525
BEHAVIORAL MEDICINE, patient behavior monitoring by self-reports, 167
BEHAVIORAL THERAPY, clinical exercise for stroke patients, 364
BELOW-KNEE AMPUTATION, bipedal ambulation (abs), 482
BIOFEEDBACK, auditory feedback device, 604
. . . biofeedback in CP hemiplegia, 160
. . . genu recurvatum; auditory biofeedback therapy 368
. . . myoelectric training for preschool children, 451
BLADDER, decontamination of urinary bags (abs), 491
BLADDER, NEUROGENIC, micturition monitor, 317
. . . neurogenic bladder management, 6
BLIND lower extremity amputee patients (abs), 513
BLINDNESS, treating inactivity and affective problems (abs), 523
BLINKING, blink reflex in children, 558
BLOOD FLOW VELOCITY, lower leg, in hemiplegia, 423
BOOK REVIEWS
Abt and Stuart, The Newer Therapies—A Source Book, Van Nostrand Reinhold Company, 416
Athelstan, The Disabled Worker: Overcoming the System's Barriers, University of Minnesota, 373
Basmajian, Primary Anatomy, 8th Edition, Williams & Wilkins, 171
Basmajian, Surface Anatomy, Williams & Wilkins, 280
Beveridge-Wavering, Written Language Remediation Exercises for the Older Elementary Child, Interstate Printers and Publishers, 359
Browne, Rehabilitation Services and The Social Work Role: Challenge for Change, Williams & Wilkins, 36
Brubaker, Sourcebook for Aphasia—A Guide to Family Activities and Community Resources, Wayne State University Press, 60
Bullard and Knight, Sexuality and Physical Disability—Personal Perspectives, C.V. Mosby, 64
Cailliet, Foot and Ankle Pain, F.A. Davis, 411
Cailliet, Hand Pain and Impairment, F.A. Davis, 171
Cantu and Gillespie, Sports Medicine, Sports Science—Bridging the Gap, D.C. Heath, 313
Cowan et at, Annual Review of Neuroscience, Volume 5, 1982, Annual Reviews, 299
Day, How to Write and Publish a Scientific Paper, 2nd Edition, ISI Press, 603
Drennan, Orthopaedic Management of Neuromuscular Disorders, J.B. Lippincott, 603
Goodgold and Eberstein, Electrodiagnosis of Neuromuscular Diseases, 3rd Edition, Williams & Wilkins, 607
Gerhardt, Amputations, Immediate and Early Prosthetic Management, Hans Huber, 211

Harris, Medical Devices and Instrumentation for the Elderly, AAMI, 576
Helfet, Disorders of the Knee, 2nd Edition, Lippincott/Harper, 68
Hollis, Practical Exercise Therapy, Blackwell Mosby, 36
Kaplan and Materson, The Practice of Rehabilitation Medicine, CC Thomas, 124
Katz and Siffert, Management of Hip Disorders in Children, J.B. Lippincott, 358
Kelsey, Epidemiology of Musculoskeletal Disorders, Oxford University Press, 411
Kessler and Hertling, Management of Common Musculoskeletal Disorders: Physical Therapy Principles and Methods, J.B. Lippincott, 358
Kohn et al, Physical Medicine and Rehabilitation: 750 Multiple Choice Questions and Referenced Explanatory Answers, Medical Examination Publishing, 411
Kostuik, Amputation Surgery and Rehabilitation: The Toronto Experience, Churchill Livingstone, 299
Lefchez and Winslow, Design for Independent Living—The Environment and Physically Disabled People, University of California Press, 60
Levine et al, Recreation Experiences for the Severely Impaired or Non-Ambulatory Child, CC Thomas, 358
McMinn, Color Atlas of Foot and Ankle Anatomy, Appleton, Century, Crofts, 124
Nickel, Orthopedic Rehabilitation, Churchill Livingstone, 284
Norkin and Levangie, Joint Structure and Function: A Comprehensive Analysis, F. A. Davis, 307
Pepper, Fundamentals of Care of the Aging, Disabled, and Handicapped in the Nursing Home, CC Thomas, 136
Reed, Basic Anatomy and Physiology of Speech and Hearing, Interstate Printers and Publishers, 420
Rehabilitation Institute of Chicago, Proceedings of an International Symposium—What Ever Happened to the Polio Patient, RIC, 607
Rogers, The Aging Skeleton—Aspects of Human Bone Evolution, 574
Rothert and Daubert, Horticultural Therapy at a Physical Rehabilitation Facility, Chicago Horticultural Society, 284
Rowland, Advances in Neurology—Human Motor Neuron Diseases, Raven Press, 373
Roy and Tunks, Chronic Pain—Psychosocial Factors in Rehabilitation, Williams & Wilkins, 603
Ryan, The Nurse and the Communicatively Impaired Adult, Springer, 120
Scherzer and Tscharnuter, Early Diagnosis and Therapy in Cerebral Palsy, Marcel Dekker, 381
Setoguchi, The Limb Deficient Child, CC Thomas, 120
Sheon, Soft Tissue Rheumatic Pain: Recognition, Management, Prevention, Lea & Febiger, 159
Simon, Polyarthrite Rhumatoide et Economie Articulaire, Documenta Geigy, 136
Sinclair, Human Growth After Birth, 3rd Edition, Oxford Medical Publication, 36
Stainback and Healy, Teaching and Eating Skills: A Handbook for Teachers, CC Thomas, 420
Steinberg, Care of the Geriatric Patient, in the Tradition of E.V. Cowdry, 6th edition, C. V. Mosby, 307
Strickland and Steichen, Difficult Problems in Hand Surgery, C. V. Mosby, 381
Tator, Early Management of Acute Spinal Cord Injury, Raven Press, 64
Travell and Simon, Myofascial Pain and Dysfunction—The Trigger Point Manual, Williams & Wilkins, 576
Trombly, Occupational Therapy for Physical Dysfunction, 2nd Edition, Williams & Wilkins, 416
Turk et al, Pain and Behavioral Medicine, A Cognitive-Behavioral Perspective, Guilford Press, 411
Vash, The Psychology of Disability, Springer, 159
Wees, Practical Points in Rheumatology, Medical Examination Publishing Co., 313
Wilkinson, The Failed Back Syndrome—Etiology and Therapy, J.L. Lippincott, 576
Wilson, The Musculoskeletal System, Basic Processes and Disorders, Lippincot/Harper, 576
Wright, Clinics in Rheumatic Diseases—Measurement of Joint Movement, W.B. Saunders, 576
Zola, Missing Pieces: A Chronical of Living with a Disability, Temple University Press, 280

BRACHIAL PLEXUS, "F" wave in infraspinatus muscle (abs), 499
BRACHIAL PLEXUS INJURY, bracing (abs), 498
BRAIN INJURIES, anterior hypopituitarism, head injury (abs), 485
. . . assist cognitively-impaired (abs), 517
. . . behavior modification to improve patient and staff, 525
. . . behavior modification to improve response, 525
. . . brain mechanisms underlying acquisition (abs), 487
. . . brain trauma follow-up (abs), 522
. . . closed head injury: haloperidol effects on rehab (abs), 484
. . . cognitive assessment (abs), 489
. . . cognitive recovery (abs), 489
. . . cognitive rehab of head injured persons (abs), 493
. . . cognitive retraining (abs), 482
. . . combined sequalae (abs), 519
. . . computed tomography (abs), 488
. . . disodium etidronate, 539
. . . drug absorption (abs), 494
. . . five-year follow-up study (abs), 514
. . . lecithin in management of cognitive deficits (abs), 514
. . . memory rehabilitation after trauma, 436
. . . monitoring program (abs), 518
. . . nutrition in brain damaged quadriplegic, 382
. . . outcome of severe head injury (abs), 507
. . . pre-driving evaluation (abs), 510
. . . predictors of outcome (abs), 500
. . . psychologic assessment and treatment (abs), 520
. . . rehabilitation of head trauma (abs), 513
. . . serial casting for treatment of contractures (abs), 515
. . . support group for families (abs), 483
. . . therapeutic recreational activity (abs), 489
. . . training attention and concentration (abs), 522
. . . two-year prospective study (abs), 515
. . . visual imperception, 456
BRAIN INJURY, neurobehavioral sub-types (abs), 523
. . . rehabilitation outcome (abs), 510
BRAIN TRAUMA OUTCOMES, follow-up (abs), 522
BREATHING EXERCISES, glossopharyngeal breathing, 384
BURNS, causes and risk factors (abs), 487
. . . elastic temporary garments (abs), 496
. . . rigid plastic masks and elastic hoods (abs), 501

C

CARDIOVASCULAR DISEASE, oxygen expenditure, coronary artery bypass (abs), 522
. . . rehabilitation after cardiac transplant (abs), 513
CARDIOVASCULAR DISEASES, carotid palpation and heart rate, 543
. . . work after myocardial infarction (abs), 526
CARDIOVASCULAR DISORDERS, exercise therapy in angina pectoris, 396
CARPAL TUNNEL SYNDROME, conservative management (abs), 490
. . . diagnosis (abs), 492
. . . palmar stimulations of sensory fibers, 16
. . . pyridoxine metabolism (abs), 512
CEREBRAL PALSY, biofeedback in hemiplegia, 160
. . . gait analysis in children, 291
. . . prognosis for ambulation (abs), 488
CEREBRAL VASCULAR DISORDERS, genu recurvatum, auditory biofeedback therapy, 368
. . . predicting Barthel ADL score, 24
CEREBRAL VERTEBRAE, contour donor chair, 285
CEREBROVASCULAR ACCIDENTS, depressed mood following stroke (abs), 485
. . . temporal hemiplegic gait variables, 581
CEREBROVASCULAR DISORDERS, aphasia, improved communication prognosis, 595
. . . assessment of depressed mood (abs), 519
. . . auditory feedback device, 606
. . . cardiac stress testing (abs), 487
. . . clinical exercise for stroke patients, 364
. . . depression in aphasic patients (abs), 524
. . . effect of age on rehabilitation (abs), 495
. . . evoked potentials (abs), 492
. . . family help measurement scale (abs), 498

. . . follow-up study (abs), 522
. . . groups improve cognition, 525
. . . hemiplegic patients, lecture program (abs), 500
. . . indices of cost-effectiveness (abs), 501
. . . intelligence tests in stroke patients (abs), 483
. . . lower leg blood flow in hemiplegia, 423
. . . memory functions (abs), 504
. . . memory remediation (abs), 504
. . . mortality following rehabilitation (abs), 505
. . . pain in dysphasic hemiplegics (abs), 498
. . . psychotherapy (abs), 511
. . . rehabilitation outcome (abs), 510
. . . sensory rehabilitation (abs), 512
. . . social support (abs), 61, 516 (abs)
. . . wheelchair transfer training, 276
CERVICAL SPINE INJURIES, resuscitation, (abs), 487
CERVICAL VERTEBRA, diazepam effects on cervical muscle spasms, 121
. . . head control in paralysis, 604
. . . hemidiaphragmatic paralysis, 601
COGNITIVE ASSESSMENT (abs), 489
COGNITIVE DISORDERS, training attention and concentration (abs), 522
COGNITIVE MODEL, assessment (abs), 489
COMMUNICATION, aphasia, improved communication prognosis, 597
. . . rehabilitation research, 608
COMMUNITY MEDICINE, follow-up program for rehab patients, 346
COMMUNITY REORIENTATION (abs), 489
COMPARTMENT SYNDROMES, compartment pressures during running, 296
. . . intramuscular pressure (abs), 485
. . . intramuscular pressure measurement (abs), 502
COMPUTERIZED REHABILITATION PROGRAM (abs), 490
. . . training disabled persons in computers (abs), 523
COMPUTERS, 490
. . . clinical/financial information (abs), 490
. . . management in rehabilitation needs (abs), 491
. . . patient scheduling (abs), 490
. . . pitfalls of computer analysis of nerve conduction (abs), 496
. . . programs for handicapped (abs), 508
. . . wheelchair pressure relief behavior (abs), 490
CONGRESS, American, of Rehabilitation Medicine
. . . Coulter lecture, 1982, E.G. Marquardt, 237
. . . Gold Key award, 1982, E.G. Marquardt, 94
. . . officers, committees, liaisons, 189
. . . President, 1982–83, S.C. Colachis, Jr., 94
. . . Presidential address, V. Cummings, 145
CONSTIPATION, colonic compliance in SCI patients, 111
CONTRACTURE, ultrasound abuse, 90
CONTRACTURES, reliability in measuring hip extension (abs), 521
CONVERSION DISORDER, hysterical reactions, 308
COST BENEFIT ANALYSIS, 147
COSTS AND COST ANALYSIS, relationship to discharge planning (abs), 491
COUNSELING, attitudes toward sex counseling, 81
CROSS INFECTIONS, urinary tract nosocomial rates (abs), 524

D

DAPSONE, induced peripheral neuropathy (abs), 491
DEAFNESS, aural rehabilitation, 479
DECUBITUS ULCER, wheelchair pressure relief behavior (abs), 490
DEPRESSION, dexamethasone test and depression relationship, 421
DEPRESSION, TREATMENT OF, in an aphasic patients (abs), 524
DEXAMETHASONE test and depression relationship, 421
DIAPHRAM, hemidiaphragmatic paralysis, 601
DIATHERMY, heating pattern evaluation in diathermy, 575
. . . microwave diathermy effect on muscle hematoma, 127
. . . temperature between pulses and continuous short (abs), 518
DIAZEPAM, effect on cervical muscle spasms, 121
DISABILITY EVALUATION, McMaster family assessment (abs), 504
DRUG ABUSE, rehabilitation medicine (abs), 513

E

EATING, laryngeal penetration in dysphagia, 281
. . . swallowing, ingestion, dysphagia, 371
EDUCATION, 490
. . . community living: a skills service (abs), 489
. . . eduation for urinary tract care, 314
. . . hysterical conversion reactions, 308
. . . wheelchair pressure relief behavior (abs), 490
EDUCATION, CONTINUING, needs assessment in PM&R, 391
. . . neuromuscular transmission disorders, 195
EDUCATION, MEDICAL, recruitment strategies for PM&R, 85
. . . undergraduate PM&R curricula, 287
ELBOW, cubital tunnel syndrome in RA, 163
. . . isokinetic, isometric and isotonic strengths, 77
ELECTRIC STIMULATION, questionnaires in chronic pain therapy, 311
ELECTROCONVULSIVE THERAPY, relief in parkinsonism through ECT, 432
ELECTROMAGNETICS, heating pattern evaluation in diathermy, 575
ELECTROMYOGRAPHY, acoustic myography (abs), 484
. . . compartment pressures during running, 296
. . . deterioration in chronic poliomyelitis (abs), 491
. . . EMG reliability in isometric contractions, 417
. . . joint angle and quad activity relationship, 441
. . . monopolar and concentric filter settings (abs), 512
. . . monopolar recordings, filter settings (abs), 488
. . . primary EMG (abs), 511
. . . upper and lower extremity EMG, 11
ELECTROTHERAPY for accelerating wound healing (abs), 482
EMOTIONS, treatment for pathologic laughing and crying (abs), 483
EMPLOYMENT, vocational adjustment after laryngectomy, 172
ENCEPHALITIS, aural rehabilitation, 479
ENERGY EFFICIENCY, training braces (abs), 523
ENERGY METABOLISM, arm crank propelled wheelchair, 249
. . . energy expenditure in amputees, 300
. . . ergometry testing and training (abs), 495
. . . muscular endurance and arm ergometry, 578
EPILEPSY, Baclofen, effect on seizure frequency (abs), 486
EQUIPMENT AND SUPPLIES, assistive equipment for handicapped persons, 378
. . . examination table, 569
. . . weight gauging walking cane, 386
EQUIPMENT DESIGN, (abs), 521
. . . feeding device for glossectomees, 183
. . . head control in paralysis, 604
EQUIPMENT SAFETY, variable axle position wheelchairs (abs), 521
ERGOMETRY, aerobic capacity in early paraplegia (abs), 484
EVOKED POTENTIALS (abs), 492
. . . nerve root compression (abs), 494
EXERCISE, EMG in CVA patients (abs), 496
. . . isokinetic, isometric and isotonic strengths, 77
EXERCISE TEST, cardiac exercise response, 155
. . . carotid palpation and heart rate, 543
EXERCISE THERAPY, acute urate synovitis, 130
. . . clinical exercise for stroke patients, 364
. . . exercise therapy in angina pectoris, 396
EYE MOVEMENTS, vestibular stimulation for gaze palsy, 134

F

FEEDING BEHAVIOR, laryngeal penetration in dysphagia, 281
FEES AND CHARGES (abs), 524
. . . cost reduction in rehabilitation (abs), 491
. . . patient representative system (abs), 520
FEES, MEDICAL, inpatient medical rehabilitation survey, 354
FIBROMYOSITIS, muscle relaxation (abs), 515
FINANCIAL MANAGEMENT, cost benefits, 147
. . . financing functional trial visit (abs), 498
FINANCING, ORGANIZED, inpatient medical rehabilitation survey, 354
FOLLOW-UP STUDIES, patient behavior monitoring by self-reports, 167
FOOT, compartment pressures during running, 296

G

GAIT, analysis of adult hemiplegic patients (abs), 499
. . . analysis of knee angle (abs), 488

. . . biofeedback in CP hemiplegia, 160
. . . bipedal ambulation in below-knee amputees (abs), 482
. . . energy expenditures in paraplegics (abs), 510
. . . footwear in the elderly (abs), 493
. . . gait analysis (abs), 482
. . . gait analysis in CP children, 291
. . . gait patterns in A-K amputee patients, 339
. . . human locomotion (abs), 482
. . . hypnotic techniques to enhance ambulation (abs), 501
. . . plastic ankle-foot orthoses, 402
. . . temporal hemiplegic gait variables, 583
. . . upper and lower extremity EMG, 11
. . . weight gauging walking cane, 386
GASTROINTESTINAL MOTILITY, colonic compliance in SCI patients, 111
GERIATRICS, acute general hospital program (abs), 499
GLOSSECTOMY, feeding device in, 183
GLUCOSE TOLERANCE TEST, intolerance in SCI, 107
GOUT, acute urate synovitis, 130

H

HAMSTER, microvascular changes due to ischemia, 553
HAND, pinch and grasp strength (abs), 509
HANDICAPPED, assistive equipment for, 378
. . . attitudes toward sex counseling, 81
. . . motor assessment of handicapped children, 468
. . . restraint system for handicapped persons, 374
. . . sports and recreation (abs), 517
HATE in rehabilitation setting, 176
HEAD control in paralysis, 604
HEAD INJURIES, physical therapy and sensorimotor deficits (abs), 509
HEALTH CARE, back pain prediction, 560
. . . closed head injury: haloperidol effects on rehab (abs), 484
. . . limb-girdle syndromes, 527
. . . rehabilitation in community hospital (abs), 507
. . . training braces (abs), 523
HEARING LOSS, prevalence in rehabilitation hospital (abs), 510
HEART FUNCTION TESTS, cardiac exercise response, 155
HEART RATE, arm crank propelled wheelchair, 249
. . . carotid palpation and heart rate, 543
. . . metabolic cost of slow walking, 564
HEATING pattern evaluation in diathermy, 575
HEMATOMA, microwave diathermy effect on muscle hematoma, 127
HEMIPLEGIA, temporal hemiplegic gait variables, 583
HEMOPHILIA, physical fitness (abs), 509
HIP, diagnostic indicators in SCI, 329
. . . hemipelvectomy sling support device, 331
HIP FRACTURE, pain in dysphasic hemiplegics (abs), 498
HIP FRACTURES, sciatic nerve compression, 65
HIP PROSTHESIS, energy expenditure in amputees, 300
HOBBIES, de Quervain's disease in video games player, 434
HOME CARE, wheelchair for respirator-dependent patients (abs), 510
HOSPITALS, COMMUNITY, discharge planning effect, 57
HOSPITALS, GENERAL, acute geriatrics program (abs), 499
HYDROACTIVE DRESSING, treatment for pressure sores (abs), 494
HYPNOSIS in chronic low back pain, 548
. . . hypnotic techniques to enhance ambulation (abs), 501
HYPOPITUITARISM, anterior, head injury (abs), 485
HYSTERIA, conversion reactions, 308

I

IMMUNOLOGIC DEFICIENCY SYNDROME, neurologic complications (abs), 505
IMPULSIVE BEHAVIOR, wheelchair transfer training, 276
INDOLENT ULCERS, electrotherapy for accelerating wound healing (abs), 482
INSERVICE TRAINING, discomfort in rehabilitation staff (abs), 520
INTELLIGENCE TESTS in stroke patients (abs), 483
INTERVERTEBRAL DISC DISPLACEMENT, pregnancy and herniated lumbar disc, 319
INTESTINE, LARGE, colonic compliance in SCI patients, 111
INTEVERTEBRAL DISK DISPLACEMENT, ultrasound for back pain, 88
INTRACTABLE PAIN, cryotherapy in rheumatic disease (abs), 486
INTRAMUSCULAR PRESSURE (abs), 485
ISCHEMIA, microvascular changes due to, 553
ISOTOPE LABELING, microwave diathermy effect on muscle hematoma, 127

J

JOINT DISEASES, intra-articular temperature, 113
JOINT INSTABILITY, lumbar sagittal movements, 322
JOINTS, ultrasound abuse, 90

K

KINESTHESIS, gait patterns in A-K amputee patients, 339
. . . lumbar sagittal movements, 322
. . . plastic ankle-foot orthoses, 402
. . . upper and lower extremity EMG, 11
KNEE, genu recurvatum: auditory biofeedback therapy, 368
. . . isokinetic, isometric and isotonic strengths, 77
KNEE INJURIES, joint angle and quad activity relationship, 441

L

LARYNGECTOMY, vocational adjustment after, 172
LAUGHTER, treatment for pathologic laughing and crying (abs), 483
LEARNING in rehabilitation, 448
LEGISLATION, rehabilitation laws (abs), 512
LENGTH OF STAY, discharge planning effect, 57
LETTERS TO THE EDITOR
. . . author's affiliation, 389
. . . axillary F-loop latency, 140
. . . bladder retraining, 92
. . . brachial plexus injury, 140
. . . family intervention model, 389
. . . light and electron microscopy, 188
. . . median nerve anatomy revisited, 188
. . . nerve conduction study, 141
. . . pelvic ring mobility, 93
. . . predicting VR outcomes, 232
. . . recurrent thenar nerve, 188
. . . reflex sympathetic dystrophy, 92
. . . rehabilitation in muscular dystrophy, 45
. . . symposium on motor disorders, 141
LIGAMENTS, lumbar sagittal movements, 322
LITHIUM, treatment for pathologic laughing and crying (abs), 483
LOCAL OXYGEN THERAPY, use of, (abs), 524
LYMPHEDEMA, treatment with linear pump, 132

M

MAYEDA, I.A., 572
MEDIAN NERVE (abs), 485
. . . anterior interosseous nerve syndrome, 182
. . . palmar stimulations of sensory fibers in CTS, 16
MEDICAL STAFF, HOSPITAL, inpatient medical rehabilitation survey, 354
MEMORY rehabilitation after trauma, 436
MEMORY DISORDERS (abs), 504
MMPI, back pain prediction, 560
MOTOR ACTIVITY, hypnotic techniques to enhance ambulation (abs), 501
. . . motor assessment of handicapped children, 468
MOTOR NEURONS, deterioration in chronic poliomyelitis (abs), 491
. . . motor unit structure and function, 408
. . . peripheral reinnervation (abs), 497
MULTIPLE SCLEROSIS, mobility restriction, 589
. . . neurogenic bladder management, 6
. . . relapsing hemiparetic diaphragm (abs), 514
. . . stress and chronic illness, 272
MUSCLE CONTRACTION, EMG reliability in isometric contractions, 417
. . . isokinetic, isometric and isotonic strengths, 77
. . . motor unit structure and function, 408
. . . pentobarbital contractility of skeletal muscles (abs), 495
. . . serotonin induced contractile changes (abs), 515

MUSCLE RELAXANTS, CENTRAL, diazepam effects on cervical muscle spasms, 121
MUSCLES, motor unit structure and function, 408
MUSCULAR ATROPHY, diagnosis and rehabilitative management (abs), 516
MUSCULAR DYSTROPHY, limb-girdle syndromes, 527
. . . pharmacologic intervention (abs), 509
. . . stretch induced muscle growth (abs), 518
MYASTHENIA GRAVIS, neuromuscular transmission disorders, 195

N

NECK, contour donor chair, 285
. . . diazepam effects on cervical muscle spasms, 121
NERVE COMPRESSION SYNDROMES, anterior interosseous nerve, 182
. . . localization of peroneal nerve entrapment (abs), 494
. . . axillary F central latency, 117
. . . cubital tunnel syndrome in RA, 163
. . . forearm pain, cutaneous nerve compression (abs), 498
. . . palmar stimulations of sensory fibers in CTS, 16
. . . sciatic nerve compression, 65
NERVE CONDUCTION, accessory nerve, (abs), 483
NERVE DISEASES, starvation-induced neuropathy (abs), 517
NERVE REGENERATION, peripheral reinnervation (abs), 497
NEURAL CONDUCTION, (abs), 485
. . . axillary F central latency, 117
. . . conduction studies, skin temperature corrections, 412
. . . conduction with careful skin preparation (abs), 490
. . . cubital tunnel syndrome in RA, 163
. . . palmar stimulations of sensory fibers in CTS, 16
. . . pitfalls of computer analysis of nerve conduction (abs), 496
NEUROGENIC, decontamination of urinary bags (abs), 491
NEUROMUSCULAR DISEASES, neuromuscular transmission disorders, 195
NEUROMUSCULAR DISORDERS, diagnosis and rehabilitative management (abs), 516
NEUROMUSCULAR JUNCTION, neuromuscular transmission disorders, 195
. . . peripheral reinnervation (abs), 497
NEUROTOXIN, dapsone-induced peripheral neuropathy (abs), 491
NURSE PRACTITIONERS in rehab setting, 588
NUTRITION in brain damaged quadriplegic, 382

O

OBESITY, nutritional management (abs), 506
OBITUARIES
. . . Abramson, A.S., 44
. . . Moor, F.B., 236
OCCLUSIVE DRESSING, treatment for pressure sores (abs), 494
OCCUPATIONAL THERAPY, linear mobile arm supports (abs), 525
. . . markers for improved productivity (abs), 511
. . . prescriptions in school, 429
. . . splinting the quadriplegic upper extremity (abs), 516
. . . support group for disabled patient (abs), 511
ORTHOTIC DEVICES, energy expenditure in thoracic paraplegics (abs), 496
. . . flexor hinge orthosis design, 566
. . . linear mobile arm supports (abs), 525
. . . plastic ankle-foot orthoses, 402
. . . relief of head and neck pain, 525
. . . splinting the quadriplegic upper extremity (abs), 516
OSSIFICATION, PATHOLOGIC, disodium etidronate, 539
. . . sciatic nerve compression, 65
OUTCOME AND PROCESS ASSESSMENT, HEALTH CARE
. . . acute intermittent porphyria (abs), 504
. . . aphasia, improved communication prognosis, 595
. . . closed head injury, haloperidol effect on rehab (abs), 484
. . . education for urinary tract care, 314
. . . effects of spinal pain program (abs), 495
. . . follow-up in patients with rheumatic disease (abs), 510
. . . follow-up program for rehab patients, 346
. . . functional performance profiles, 268
. . . functional status comparison (abs), 498
. . . independent living (abs), 522
. . . limb-girdle syndromes, 527
. . . measurement of functional ability, 260
. . . Medicare guidelines and changes (abs), 521
. . . mobility restriction in multiple sclerosis, 591
. . . outpatient group program development (abs), 499
. . . patient with malignancy (abs), 513
. . . predicting Barthel ADL score, 24
. . . psychologic assessment and treatment (abs), 520
. . . questionnaires in chronic pain therapy, 311
. . . rehabilitation in community hospital (abs), 507
. . . rehabilitation of amputees (abs) 497
. . . relationship to discharge planning (abs), 491
. . . respirator-dependent quadriplegia (abs), 507
. . . stroke, predictive factors (abs), 518
. . . training braces (abs), 523
. . . temporal hemiplegic variables, 583
OUTPATIENT CLINICS, HOSPITAL, examination table, 569
OUTPATIENT MANAGEMENT, hypnosis in chronic low back pain, 548
OXYGEN CONSUMPTION, AMPUTEE, 255
. . . arm crank propelled wheelchair, 249
. . . metabolic cost of slow walking, 564

P

PAIN,
. . . associated autonomic dysfunction (abs), 497
. . . diazepam effects on cervical muscle spasms, 121
. . . spinal cord injury (abs), 488
PAIN, INTRACTABLE
. . . back pain prediction, 560
. . . clonidine hydrochloride in meperidine withdrawal (abs), 521
. . . hypnosis in chronic low back pain, 548
. . . questionnaires in chronic pain therapy, 311
. . . small group treatment (abs), 516
PARALYSIS, head control in, 604
. . . hemidiaphragmatic paralysis, 601
PARAPLEGIA
. . . aerobic capacity in early paraplegia (abs), 484
. . . energy expenditure in thoracic paraplegics (abs), 496
. . . energy expenditures in paraplegics (abs), 510
. . . muscular endurance and arm ergometry, 576
. . . wheelchair pressure relief behavior (abs), 490
PARKINSON DISEASE, relief through ECT, 432
PASTORAL CARE (abs), 508
PATIENT DISCHARGE planning effect, 57
PATIENT OUTCOME AND ASSESSMENT, back pain prediction, 560
PATIENTS, nurse practitioners in rehab setting, 586
PEDIATRICS, analysis of knee angle (abs), 488
. . . blink reflex in children, 558
. . . gait analysis in CP children, 291
. . . handwriting rating scale for kindergarten children, 471
. . . horseback riding program (abs), 493
. . . limb-deficient child in rehabilitation, 237
. . . lymphedema treatment with linear pump, 132
. . . mobility device for phocomelia, 137
. . . motor assessment of handicapped children, 468
. . . myoelectric training for preschool children, 451
. . . work capacity with scoliosis, 476
. . . wrist subluxation in RA, 69
PERCEPTION, visual imperception in brain injury, 456
PERCEPTUAL DISORDERS, auditory feedback device, 604
PERIPHERAL NERVE DISEASE, dapsone-induced peripheral neuropathy (abs), 491
PERIPHERAL NERVE DISEASES, axillary F central latency, 117
. . . benign monoclonal gammopathy (abs), 508
. . . diabetic amyotrophy (abs), 492
. . . pyridoxine metabolism (abs), 512
PHRENIC NERVE, conduction studies in open heart patients (abs), 506
. . . injury during neck surgery (abs), 509
PHYSIATRIST, primary physician for patients (abs), 520
PHYSIATRISTS, update on current professional practices (abs), 509
PHYSICAL MEDICINE, educational needs assessment in PM&R, 391
. . . recruitment strategies for PM&R, 85
PHYSICAL THERAPY, prescriptions in school, 429
PLETHYSMOGRAPHY, body position effect (abs), 486
PM&R News 337, 390, 440, 481, 572

PNEUMOARTHROPATHY, uncommon radiographic finding (abs), 509
PORTABLE RESPIRATOR, wheelchair for respirator-dependent patients (abs), 510
PREDICTION, rehabilitation outcome (abs), 510
PREGNANCY COMPLICATIONS, autonomic dysreflexia (abs), 485
. . . diagnostic indicators in SCI, 329
. . . hemipelvectomy sling support device, 331
. . . pregnancy and herniated lumbar disc, 319
PROGRAM EVALUATION, computerized rehabilitation program (abs), 480
PROSTHESIS, diagnostic indicators in SCI, 329
. . . functional comparison in prostheses use, 243
. . . hemipelvectomy sling support device, 331
PROSTHESIS DESIGN, gain patterns in A-K amputee patients, 339
PROSTHETIC, bipedal ambulation in below-knee amputees (abs), 482
PSYCHOLOGICAL SOCIAL support group for disabled patient (abs), 511
PSYCHOLOGY, EXPERIMENTAL, visual imperception in brain injury, 456
PSYCHOLOGY, MEDICAL, predicting SCI rehab duration, 359
PSYCHOMETRICS OUTCOME AND PROCESS ASSESSMENT back pain prediction, 560
PSYCHOMOTOR PERFORMANCE, motor assessment of handicapped children, 468
. . . visual imperception in brain injury, 456

Q

QUADRIPLEGIA,
. . . flexor hinge orthosis design, 566
. . . glossopharyngeal breathing, 384
. . . linear mobile arm supports (abs), 525
. . . respiratory management (abs), 496
. . . splenic rupture in wheelchair fall, 180
. . . splinting the quadriplegic upper extremity (abs), 516
. . . vital capacity (abs), 526
. . . wheelchair for respirator-dependent patients (abs), 510
QUALITY ASSURANCE, integrated information system (abs), 502
QUESTIONNAIRES, inpatient medical rehabilitation survey, 354
. . . questionnaires in chronic pain therapy, 311

R

RABBITS, acute urate synovitis, 130
. . . intra-articular temperature, 113
RADICULITIS, thermography in diagnosis (abs), 526
RECREATION, horseback riding program (abs), 493
REFLEX, blink, in children, 558
REFLEX SYMPATHETIC DYSTROPHY, abnormal vascular activity (abs), 483
REHABILITATION, acute general hospital geriatrics program (abs), 499
. . . aural rehabilitation, 479
. . . community reorientation (abs), 489
. . . cost benefits, 147
. . . educational needs assessment in PM&R, 391
. . . enhancing interdisciplinary collaboration (abs), 514
. . . facilitate communication (abs), 520
. . . follow-up program for rehab patients, 346
. . . functional performance profiles, 268
. . . hate in rehabilitation setting, 176
. . . hysterical conversion reactions, 308
. . . inpatient medical rehabilitation survey, 354
. . . international trends in aphasia rehabilitation, 462
. . . learning in rehabilitation, 448
. . . memory functions (abs), 504
. . . memory rehabilitation after trauma, 436
. . . predicting SCI rehab duration, 359
. . . recruitment strategies for PM&R 85
. . . rehabilitation approach to ALS, 304
. . . rehabilitation of head trauma, (abs), 513
. . . rehabilitation outcome (abs), 510
. . . rehabilitation research, 608
. . . rehabilitation research; habit analysis, 1
. . . undergraduate PM&R curricula, 287
. . . urinary tract infections, nosocomial rates (abs), 524
REHABILITATION CENTERS, interdisciplinary team effectiveness (abs), 492
. . . nurse practitioners in rehab setting, 588
REHABILITATION STAFF discomfort (abs), 520,
RELAXATION, hypnosis in chronic low back pain 548
RESEARCH, rehabilitation, 606
. . . rehabilitation research: habit analysis, 1
RESPIRATION, work capacity with scoliosis, 476
RESPIRATOR-DEPENDENT PATIENTS, wheelchair for (abs), 510
RESPIRATOR, ARTIFICIAL, cardiopulmonary response in SCI, 101
RESPIRATORS, respiratory-dependent quadriplegia (abs), 507
RESPIRATORY PARALYSIS, cardiopulmonary response in SCI, 101
RHEUMATIC DISEASE, cryotherapy in, (abs), 486

S

SCIATIC, pregnancy and herniated lumbar disc, 319
SCIATIC NERVE compression, 65
SCIATICA, ultrasound for back pain, 88
SCOLIOSIS, work capacity, 476
SEAT BELTS, restraint system for handicapped persons, 374
SELF CARE, auditory feedback device, 606
. . . clinical exercise for stroke patients, 364
. . . measure of function (abs), 514
. . . predicting Barthel ADL score, 24
. . . predicting SCI rehab duration, 359
SEPTIC ARTHRITIS, uncommon radiographic finding (abs), 509
SEX, attitudes toward sex counseling, 81
. . . sexual experience in SCI, 47
SEX DISORDERS, electrically induced bulbo-cavernosus reflex (abs), 496
SHOULDER DISLOCATION, anterior, 326
SKIN CARE, wheelchair for respirator-dependent patients (abs), 510
SKIN ULCER, myelomeningocele skin breakdown, 20
. . . pressure sore prevention (abs), 483
SKIN ULCERS, use of topical oxygen therapy (abs), 524
. . . treatment for pressure sores (abs), 494
SLEEP DEPRIVATION, respiratory management (abs), 496
SOCIAL ADJUSTMENT in stroke, 61
SODIUM ETIDRONATE, 539
SOMATOSENSORY, nerve root compression (abs), 494
SPASM, diazepam effects on cervical muscle spasms, 121
SPINA BIFIDA, myelomeningocele skin breakdown, 20
SPINAL CORD INJURIES, abdominal emergencies post spinal cord injury (abs), 484
. . . autonomic dysreflexia (abs), 485
. . . body water distribution (abs), 522
. . . combined sequalae (abs), 519
. . . effects of a spinal pain program (abs), 495
. . . energy expenditures in paraplegics (abs), 510
. . . flexor hinge orthosis design, 566
. . . gastrointestinal motility and gastric emptying (abs), 519
. . . glossopharyngeal breathing, 384
. . . hemidiaphragmatic paralysis, 601
. . . immune related abnormality (abs), 485
. . . linear mobile arm supports (abs), 525
. . . maneuverable vehicle (abs), 492
. . . micturition monitor, 317
. . . muscular endurance and arm ergometry, 578
. . . neurogenic bladder management, 6
. . . nutrition in a brain damaged quadriplegic, 382
. . . pediatric, correlation to level of spinal cord (abs), 508
. . . predicting SCI rehab duration, 359
. . . pulmonary function tests (abs), 512
. . . radio-controlled models (abs), 512
. . . renal function (abs), 514
. . . renal plasma flow (abs), 495
. . . renal stone risk factors (abs), 514
. . . risk of heart attack (abs), 493
. . . sacral fractures and paraplegia (abs), 516
. . . sexual attitude reassessment programs (abs), 493
. . . sexual experience in SCI, 47
. . . spinal cord injury alumni organization (abs), 516
. . . splinting the quadriplegic upper extremity (abs), 516
. . . vital capacity (abs), 526
SPINAL CORD INJURY, cardiopulmonary response, 101
. . . colonic compliance, 111
. . . glucose intolerance, 107

. . . patient behavior monitoring by self-reports, 167
. . . splenic rupture in wheelchair fall, 180
. . . wheelchair racing, 186
SPINAL PAIN PROGRAM effects of (abs), 495
SPINAL STENOSIS, thoracolumbar spinal stenosis and neuropathy (abs), 522
SPINE, lumbar sagittal movements, 322
SPIRITUALISM, psychosocial, (abs), 492
SPLENIC RUPTURE, in wheelchair fall, 180
SPLINTS, wrist subluxation in RA, 69
SPORTS MEDICINE, wheelchair racing, 186
STRESS and chronic illness, 272
STRESS TESTING, middle aged amputees (abs), 487
STROKE: diagnostic value, evoked potentials (abs), 492
. . . rehabilitation outcome (abs), 510
STUDENTS, MEDICAL, recruitment strategies for PM&R, 85
SYNOVITIS, urate, acute, 130
. . . intra-articular temperature, 113

T

TEACHING, learning in rehabilitation, 448
TEMPERATURE, conduction studies, skin temperature corrections, 412
. . . intra-articular temperature, 113
TENOSYNOVITIS, de Quervain's disease in video game player, 434
TESTOSTERONE, sexual experience in SCI, 47
THERAPY, training attention and concentration (abs), 522
THORACIC OUTLET SYNDROME, axillary F central latency, 117
. . . cervical somatosensory potentials (abs), 517
. . . conduction time from C8 nerve (abs), 492
. . . somatosensory evoked response (abs), 516
TRACTION, contour donor chair, 285
TRAINING BRACES, (abs), 523
TRAUMA CENTERS, another component of the system (abs), 523

U

ULTRASONIC THERAPY, ultrasound abuse, 90
. . . ultrasound for back pain, 88
ULTRASONICS, (abs), 525
URINARY TRACT INFECTION, single-dose treatment (abs), 515
. . . frequency and type, (abs), 519
. . . prophylaxis intermittent (abs), 520
URINARY TRACT INFECTIONS, drainage bags (abs), 524
. . . education for care, 314
. . . nosocomial rates (abs), 524

V

VASCULAR SURGERY, 125
VASOCONSTRICTION, microvascular changes due to ischemia, 553
VENTILATION, respiratory management (abs), 496
VERTEBROBASILAR INSUFFICIENCY, vestibular stimulation for gaze palsy, 134
VETERANS, sexual experience in SCI, 47
VISUAL PERCEPTION, visual imperception in brain injury, 456
VOCATIONAL GUIDANCE, adjustment after laryngectomy, 172

W

WHEELCHAIR
. . . mobility device for phocomelia, 137
. . . wheelchair pressure relief behavior (abs), 490
WHEELCHAIR MOBILITY, wheelchair for respirator-dependent patients (abs), 510
WHEELCHAIRS, amputee oxygen consumption, 255
. . . arm crank propelled wheelchair, 249
. . . assistive equipment for handicapped persons, 378
. . . mobility restriction in multiple sclerosis, 591
. . . modification for head positioning (abs), 526
. . . restraint system for handicapped persons, 374
. . . wheelchair racing, 186
. . . wheelchair transfer training, 276
WORK, metabolic cost of slow walking, 564
WORK OF BREATHING, with scoliosis, 476
WRIST INJURIES, subluxation in RA, 69
WRITING, handwriting rating scale for kindergarten children, 471

ANNUAL MEETING DATES AND SITES

1984 — Boston, Sheraton Hotel, October 21–26
1985 — Kansas City, Hyatt Regency Hotel, September 29–October 4
1986 — Baltimore, Hyatt Regency Hotel, October 19–24
1987 — Orlando, FL, Hyatt Regency Hotel, dates are pending
1988 — Seattle, Plaza and Sheraton Hotel, October 29–November 4
1989 — San Antonio, hotel and dates are pending
1990 — Phoenix, hotel and dates are pending

AUTHOR INDEX

A

Abitante, S.M., 606
Abram, S.E., 311
Abramson, A.S., 6
Abresch, R.T., 515
Accardi, R.F., 492, 508
Ackermann, L., 514
Adams, W.C., 423
Adler, J.C., 495
Agre, J.C., 508
Agren, B., 396
Aiken, B.M., 520
Alba, A., 495, 501
Alexander, J.L., 498
Alexander, M.A., 132
Alias, S., 487, 504
Alsentzer, U., 512
Amir, A., 386
Anderson, K.E., 515
Anderson, R.A., 311
Anderson, T.P., 85, 314
Arnett, J.A., 518
Aronow, H.U., 491, 524
Ashmore, C.R., 518
Atwood, A.S., 507
Auerbach, S.H., 523, 524
Avart, H., 505
Axelson, P.W., 515
Axtell, L.A., 495, 511

B

Badell-Ribera, A., 488
Balagtas-Balmaseda, O.M., 163
Baldwin, L.M., 504
Balmaseda, M.T., 511
Balmaseda, P.F., 163
Barry, D.T., 484
Bartlett, M.D., 521
Baruah, G., 494, 514
Baruah, J., 494, 514
Basmajian, J.V., 121
Bauer, M., 421
Baum, H.M., 591
Bazzoli, A.S., 522
Beekman, C.E., 495, 511
Bendix, S.A., 601
Benge, M.W., 509
Benjamin, J., 524
Berk, S.N., 516
Berlly, M.H., 484
Berman, W.S., 502
Berni, R., 317
Bhattacharyya, A.K., 513
Bieliauskas, L.A., 272
Biggs, D., 496
Bikowski, J.B., 132
Bildsten, C., 382
Binder, H., 516
Bishop, D.S., 504
Bisterfeldt, J.L., 490, 502
Blank, A., 558
Blazek, J.V., 497
Bleiberg, J., 448, 490
Bliss, L., 276
Blocker, W., 487
Bogusky, R., 505
Bonner, F., 486
Bonner, J., 486
Bonner, W., 486
Bontke, C., 517
Boone, D.C., 495
Boone, T., 543
Bowcutt, C.A., 491
Bowers, D., 556
Bowman, F.O., 503
Brabant, J., 512
Brandstater, M.E., 583
Braun, J.M., 77
Breed, A.L., 476
Brien, M.J., 483
Brockway, J.A., 276
Brodzka, W., 487, 497
Brooke, M.M., 507
Brown, L.A., 513
Brown, M., 47
Brown, T.J., 500
Bruno, G., 500
Bruno, R.L., 483, 497
Buck, E.E., 498
Burnett, C., 488
Burt, C.M., 516, 525
Buszek, M.C., 601
Byers, C.M., 512

C

Cable, E.P., 57
Callen, K.E., 548
Campbell, D.R., 493, 514
Canavan, C.A., 512
Cannova, D., 524
Caplan, B., 483, 504, 506, 518
Capulong, E.S., 518
Cardenas, D.D., 505
Cardinet, III, G.H., 515
Cardus, D., 522
Carle, T.V., 494
Carley, P.J., 482
Carlin, J.I., 476
Caro, X.J., 485
Caroscio, J.T., 304
Caspi, I., 386
Caudrey, D.J., 160
Celikyol, F., 500, 510
Chang, C.H., 526
Charlifue, S.W., 507
Chaudhry, U.G., 490
Chen, J., 47
Chen, R.C., 488, 512
Chevreaux-Bourgeois, A.E., 503
Chia, J.K., 488
Chodoroff, G., 516
Chong, T., 498
Christie, S., 526
Chu, J., 488, 512
Chyatte, H.S., 507
Clairmont, A.C., 506
Clark, B.M., 583
Clark, G.S., 495
Claus-Walker, J., 494, 501
Cline, P., 485
Clough, P., 384
Cobb, W., 421
Cochran, G.V.B., 255
Cohen, B.S., 520
Cohen, C.A., 522
Cohen, C.H., 514
Coldeway, N.A., 391
Cole, J.L., 491
Colson, R., 500
Condon, R.H., 509
Contompasis, M., 511
Corrigan, J.D., 518
Costich, J.F., 502
Cote, L.J., 483
Counte, M.A., 272
Courtsunis, D.G., 511
Cozean, C., 482, 488
Cozzens, B., 499
Craik, R., 499
Cronin, J.P., 489
Cummings, V., 145
Cuttita, D., 441

D

de Bruin, H., 583
deLateur, B.J., 402
Daily, R.D., 485, 519
Danielc, F.L., 484, 492
Daniller, A., 483
Daube, J.R., 195
Daum, M.C., 487
Davidson, D.M., 526
Davidson, J.M., 47
Davidson, K.J., 515
Dearwater, S., 493
Delagi, E., 485
Delahoussaye, B.P., 485
Devenport, J.K., 485
Dexter, W.R., 486
DeBoisbriand, P., 511
DeJong, G., 510, 522
DeLisa, J.A., 326, 391, 412, 506, 512, 517
DePompolo, R.W., 513
DeVivo, M.J., 101, 514, 578
Di Benedetto, M., 490
Dirks, S., 501
Ditunno, J.D., Jr., 191, 497, 503
DiMango, E.P., 519
DiRocco, P.J., 476
Dobson, R.C., 488
Dorfman, J.M., 525
Downey, J.A., 155, 487
Dralle, A.J., 402
Dryja, R., 314
Ducharme, S., 493
Duckworth, W.C., 107
Ducommun, E.J., 518
Dudgeon, B.J., 506
Dundore, D.E., 127
Dunfield, V.A., 451
Dunn, M.E., 47, 520
Dunson, J., 523
DuBow, L.L., 255

E

Easton, J.K.M., 69
Eckholdt, J.W., 65
Ehira, T., 553
Elbaum, J., 456
Ellenberg, M., 484
Enders, S., 378
Eng, G., 516
Engel, J., 386
Engelhardt, P., 523
Entrikin, R.K., 509
Epstein, B.J., 491
Epstein, N.B., 504
Erickson, R.P., 520
Erins, D.C., 490
Esposito, L., 519
Esquenazi, A., 482
Esselman, P.C., 127, 402, 575
Evans, R.L., 61, 516, 523
Eychaner, D.L., 520

F

Falconer, J., 364
Farace, B.A., 494
Fast, A., 558
Fatehi, M., 511
Fealey, R.D., 519
Feldman, S., 494
Felsenthal, G., 498, 499, 504, 520
Fenderson, D.A., 85
Findley, T.W., 69
Fine, P.R., 101, 514, 578
Finkel, C.I., 516
Fiore, L., 500
Fischer, A.A., 526
Flaherty, P., 491, 515
Fleischer, B., 524
Fleming, S.M., 183
Flordelis, M.J.O., 491
Florian, V., 81
Flynn, M., 488
Forer, S.K., 497, 505
Forys-Wiech, D., 500
Foulds, R.A., 137
Fowler, W.J., Jr., 495, 515, 527
Fox, R., 523
Frank, R.G., 548
Frankel, D.L., 276, 505, 512
Franklin, B., 484, 564
Freal, J., 505
Freed, J., 500
Friedmann, L.W., 518
Fromm, G.H., 486
Fryback, D.G., 510
Fuhrer, M.J., 502, 509, 608
Fulton, O., 514

G

Gaines, R.F., 515, 524
Galioto, F., 509
Gallardo, K., 487
Gans, J.S., 176, 421
Gardner, G.M., 339
Gargour, G.W., 492
Garrison, S.J., 493
Gass, H.H., 601
Gatens, P.F., Jr., 182, 484, 490, 499, 522
Gatens, T., 556
Getringer, S.R., 484
Gennarelli, T.A., 539
Gerber, L.H., 300, 525
Gianakopoulos, G.J., 497
Gianutsos, R., 456
Gibson, C.J., 518
Gildenberg, P.L., 515
Gilson, L., 492

Glang, A., 493
Glaser, R.M., 249
Gleason, T.C., 514
Glick, M.E., 111
Glomski, N., 504
Glosser, D., 456
Gokulananda, T.P., 510, 514
Gokulananda, U., 494, 514
Gold, J.T., 507
Goldberg, R.T., 493
Goldstein, D., 509
Goll, S.B., 499, 516
Gonzalez, E.G., 494, 502, 503
Goodgold, S., 471
Gorski, A.T., 606
Gowland, C., 583
Grabois, M., 163, 502, 509
Grafman, J., 500
Granger, C.V., 346
Grant, A.D., 507
Grant, P.A., 497, 499
Green, R.F., 483
Greenspun, B., 513
Griffith, B., 496
Grover, P.L., 514
Gruskin, A.K., 606
Guilford, A.W., 525
Gusmarino, P., 521
Gust, T., 499, 516
Gustafson, A., 396
Guth, L., 408
Guy, A.W., 575

H

Hahn, H., 500
Hajdu, M., 494, 502
Halar, E.M., 412, 501, 516, 517, 523
Hall, J., 514
Hall, M., 524
Hall, P.A., 524
Halpern, D., 69
Halstead, L.S., 494
Hammond, M.C., 501, 523
Hammons, G., 429
Hanson, T.J., 510
Hanten, D., 510
Harberg, J.K., 510
Hardisty, B., 502
Harley, J.P., 421, 513
Harris, S.R., 468
Hartung, H., 487
Harvey, R.F., 268, 484, 490, 492, 501, 520
Hashisaki, P.A., 491
Hatvani, C., 180
Hawkins, H., 514
Hedge, Jr., T.L., 512, 521
Hendrickson, J.R., 520
Herbison, G.J., 497, 503, 508
Herman, R., 514
Herold, C.J., 525
Hewer, R.L., 24
Hicks, J.E., 518, 525
Hilton, E.B., 520
Hilton, L., 462
Hocky, S., 511
Hodes, M., 432
Hodgson, K., 489
Hogue, R.E., 368
Holub, G.M., 492
Honet, J.C., 601
Hope, B., 496
Hopmans, C.C., 486
Hosoda, G., 515
Houck, L.J., 518
Howard, S., 487
Huang, C-T., 101, 495, 578
Hubbell, S.L., 482, 506, 509
Hunder, G.G., 113, 130
Hunt, A., 510
Hunter, J.J., 483

I

Idiculla, A.A., 487
Ignacio, D.R., 492, 524
Imms, F.J., 423

J

Jackson, R.D., 518
Jacobs, M.A., 487
Jacobs, S.R., 508
Jaffe, D.L., 524
Jain, A., 517
Jain, S., 510
Jallepalli, P., 107
Janal, M.N., 483, 497
Janiszewski, D.W., 304
Janni, P.R., 523
Jaweed, M.M., 497, 503
Jellinek, H.M., 268, 484, 510
Jennison, J.H., 501
Jimenez, A., 521
Johnson, D., 509
Johnson, E.W., 16, 488, 492, 493, 498, 499, 509, 511, 556
Johnson, S., 484, 564
Johnston, M.V., 147, 498, 501
Jones, B.L., 525
Jones, D., 504
Jones, G.D., 497

K

Kadaba, M.P., 255
Kagel, M.C., 371
Kang, D., 524
Karam, D.B., 479, 490
Kaufert, J.M., 260
Keane, G., 516
Keith, R.A., 147, 491
Keitner, G.I., 504
Kelleher, J., 509
Kent, L., 482
Kerstein, M.D., 511
Keys, T., 519, 520
King, J.L., 497
King, R.B., 490, 494
Kinney, C.L., 508, 526
Kirby, R.L., 296, 485, 502, 521
Kiser, C.C., 486
Kligfield, P., 522
Klingbeil, G.E., 485
Klute, L.C., 484, 490, 501, 520
Knapik, J.J., 77
Knox, L., 489
Ko, M.J., 402
Koch, B., 509, 516
Koecher, M.L., 503
Kohli, A., 488
Kohn, J., 378
Koozekanani, S., 488
Kopaniky, L., 519
Koremann, S., 496
Kottke, F.J., 85
Kozerefski, P.M., 501
Kraetschmer, K., 462
Kraft, G.H., 505, 512
Kramer, E., 494
Krebs, D.E., 441
Kriellaars, D.J., 485
Kuhlemeier, K.V., 101, 495, 514, 578
Kunesh, M., 488
Kunz, J.R.M., 117
Kuo, J.C., 526
Kutner, N.G., 507

L

Lamers, J.V., 20
Lamid, S., 382, 488
Lane, M.E., 287, 521
Latimer, F.R., 319
Latow, J., 511
Lawrence, E.J., 516
LaBan, M.M., 319, 514
LaPorte, R., 493
Lee, D.W., 516
Lee, M.H., 495, 501
Lehmann, J.F., 127, 402, 575
Leopold, N.A., 371
Leuchter, W., 601
Levenson, J.L., 90
Levesque, J., 523
Levin, R.A., 499
Levy, L.A., 432
Lidsky, M.D., 163
Liebenberg, R., 499
Lieberman, J.S., 483, 495, 505, 506, 515
Lightfoote, W.F., II, 492
Liljestrand, J.S., 491, 507, 511, 515, 588
Linden, P., 281
Linder, M.T., 339
Linzer, M., 525
Livingstone, E.F., 517
Lloyd, E., 47
Lloyd, L.K., 495, 514
Loane, T.D., 521
Logigian, M.K., 364
Long, C., 180
Lukanc, C., 494
Lynch, N.T., 311

M

Mack, R., 498
MacRitchie, M., 484
Madorsky, A., 186
Madorsky, J.G.B., 186, 329
Main, R.P., 490
Malec, J., 359, 436
Maloney, F.P., 503
Maloof, M., 523
Marble, A.E., 485, 502
Marino, P.L., 486
Marks, R.L., 483
Marlowe, K., 429
Marquardt, E.G., 237
Marshall, C.R., 134
Marshall, R.C., 597
Martine, M., 487
Matthews, C., 488
Matthews, D., 354
Mattis, S., 489
Mawdsley, R.H., 77
Mayclin, M.V., 486
Mayer, N., 482
Mayers, S.P., Jr., 57
Maynard, F.M., 134
Mazzarella, N.J., 495
McCandless, S., 368
McCauley, J.D., 548
McCreary, C.P., 560
McDermott, P., 296
McDougall, J.A., 575
McEachran, A.B., 101, 578
McGrew, L., 468
McGuire, G.R., 501
McLaughlin, A.M., 525
McLaughlin, G.E., 486
McNichol, B.H., 500
McTaggart, W.G., 522
Medhat, M.A., 521
Meerschaert, J.R., 514
Meglasson, K.A., 522
Mehta, A.J., 496
Mellette, S.J., 514
Melley, C.C., 479
Melvin, J.L., 285, 510, 514
Menter, R.R., 500, 507
Merbitz, C., 448, 490
Merkel, K., 496, 523
Merrill, J., 487
Merritt, J.L., 113, 130, 496, 510, 519, 523
Meshkinpour, H., 111
Messer, E., 386
Mikula, J., 507
Mildenberger, L.A., 520
Miller, A.F., 486, 495
Miller, I.W., 504
Miller, L.S., 485, 489, 495, 498, 505, 506, 515
Miller, N.E., 496, 510, 523
Miller, R.M., 506
Miller, S.L., 496
Mills, V.M., 496, 509
Milton, S.B., 517
Minassian, S., 505
Minden, S.L., 504
Minkler, D.B., 489
Mitchell, M., 564
Moldover, J.R., 155, 487
Mollinger, L.A., 339
Monachese, T., 522
Mondell, D., 498
Montano, J.J., 479
Mooney, B.R., 491
Moore, C.P., 492
Moore, M.E., 516
Moore, S., 523, 588
Mor, V., 346
Mostatab, A., 512
Motloch, W., 378
Muldowney, J.T., 569
Muller-Rohland, J., 518
Mullner, R., 354
Munch, R.L., 502, 508, 524
Murphy, J.R., 493
Murray, M.P., 339
Murray, P.K., 488
Myers, S.J., 483, 497
Mysiw, W.J., 484, 511

N

Nagler, W., 501, 522
Naughton, V., 513
Nayak, N.N., 506, 517, 527
Neimeyer, R., 359

Nelp, W.B., 127
Newman, A., 489
Newman, E., 314
Nicholas, J.J., 493, 518
Nickels, R.J., 488
Nilsson-Ehle, P., 396
Nir, J., 513
Noble, P.B., 504
Nolan, A.M., 501
Norris-Baker, C., 167
Northwood, L.K., 61
Nowroozi, F., 111, 300
Nuzum, F.J., 354
Nwuga, V.C.B., 88
Nypaver, A., 516

O

O'Brien, T.F., 491, 515
O'Callaghan, A.J., 493
O'Shaughnessy, E.J., 317
O'Shea, B.J., 451
Okamoto, G.A., 20, 429
Ollayos, C.W., 508
Osberg, J.S., 510
Osnis, I., 513

P

Packman, R.A., 505
Palma, G., 505
Pamatmat, A., 564
Panagos, A.V., 520
Parmelee, P., 507
Pasino, J.A., 520
Patel, V., 494
Patterson, T.S., 506
Paulson, S.M., 180
Pavlou, M., 272
Pavot, A.P., 492, 524
Payawal, A.S., 482, 526
Pease, W.S., 482, 499
Peck, E.A., 514
Peer, M., 499, 505, 512
Pepping, M., 276
Perkash, I., 47
Perrin, J.C.S., 319, 517
Peters, S.E., 515
Peters, S.R., 482
Petrofsky, J.S., 249
Phelps, G., 47
Phillips, D.S., 597
Pinter, I., 521
Pioli, E.A., 485
Pisciotta, A.J., 491
Pletzer, A., 498
Podbros, L.Z., 504
Pogan, G.J., 498
Poindexter, D., 556
Polcyn, R.E., 488
Pollack, C.V., 511
Pongetti, S., 507
Portwood, M.M., 506, 517
Preston, J., Jr., 378
Price, M., 314
Putnam, T.D., 117
Puzsier, L., 495

Q

Quan, P.E., 501
Questad, K., 436
Quick, J., 524
Quintana, L., 496

R

Raikes, J.A., 601
Rao, N., 484, 488, 510
Rape, S.M., 543
Rapp, D., 489
Rasmussen, M.J., 490, 524
Ratanaubol, U., 101
Rebhun, J., 329
Reddan, W.G., 476
Reddy, N.K., 125
Redford, J.B., 496, 521
Reed, H.B.C., 513
Reich, G.S., 522
Reiman, H.M., Jr., 113
Reinstein, L., 65, 434
Reishcher, M.A., 498
Restum, W.H., 499
Reyes, O.B.L., 491
Reyes, R., 255
Reyes, T.M., 491
Reynolds, A.C., 311
Ribaudo, S.R., 503
Richard, J.J., 249
Richardson, D.B., 503
Richardson, J.L., 172
Richardson, J.W., 485, 519
Rintala, D.H., 498
Rivera, L.M., 518
Robert, D., 489
Roberts, J.F., 500
Robertson, R., 493
Robinson, J., 560
Rodriguez, G.P., 501
Rogers, R.C., 499, 539
Rogoff, J.B., 490
Rohe, D.E., 513
Romanus, M., 553
Rondinelli, R.D., 505
Rosaaen, B.J., 326
Rosen, J.S., 485, 500
Rosen, M.S., 489
Rosenberg, J.N., 485
Rosenthal, A.M., 125
Rothschild, B.B., 591
Roussan, M.S., 486
Rubenfire, M., 564
Rudin, J., 507
Ruskin, A.P., 513

S

Sabersky, S., 497
Sachs, P.R., 525
Saeed, M.A., 182, 492
Salazar, A.M., 500
Salhoot, J.T., 489
Salvanelli, M.L., 300
Salwach, D., 510
Samuels, M.A., 364
Sandel, M.E., 509
Sanders, G.T., 331
Sanderson, M.R., 489
Savit, J.M., 432
Scherf, J., 564
Schiffmacher, P.W., 489
Schleicher, M., 510
Schmid, S.R., 520
Schneeweis, L., 489
Schoch, C.J., 507
Scott, J.A., 483
Seeder, L.E., 492, 498, 506
Seeger, B.R., 160
Senft, D., 523
Sepic, S.B., 339
Shapira, Y., 558
Shawker, T.H., 525
Sherwood, C.C., 346
Shurtleff, D.B., 521
Siebens, A.A., 281, 604
Sikora, J., 493
Silverstein, F., 604
Simon, D., 502
Sinaki, M., 485, 519
Singer, G., 493
Singh, S., 492
Skilbeck, C.E., 24
Skrotzky, K., 291
Skwish, M., 511
Smith, G.B., 249
Smith, J.C., 402
Smith, P.A., 249
Smith, R.E., 492
Smith, R.O., 492, 509
Smith, S.P., 497
Smutok, M.A., 500
Snyder, N., 490
Sobota, W.L., 499
Soine, T.L., 412
Solberg, B.L., 508
Solomon, M.A., 503
Solomon, S.S., 107
Sperling, K.B., 496
Spielman, G., 539
Sprague, C.P., 564, 566
St. Pierre, D., 11
Staas, W.E., Jr., 569
Stalker, R.E., 502
Stanik, S., 496
Stanton, K.M., 276
Staples, W.H., 441
Stavrakas, P.A., 331
Stefanick, M.L., 47
Stehlik, O.A., 485
Stein, R.B., 243
Steinberg, F.U., 504
Stenehjem, J., 564, 566
Stenqvist, O., 553
Stephens, M.A.P., 167
Stern, P.E., 508
Stewart, T.D., 308
Stewart, W., 483
Stillwell, G.K., 97
Stolov, W.C., 1
Stover, S.L., 514
Stratigos, J.S., 117
Stubbe, I., 396
Sullivan, M., 511
Sullivan, R., 500, 510
Surtleff, D.B., 20
Svensjo, E., 553
Sweeney, J.K., 500
Swenson, J.R., 485, 491, 564, 566
Szurszewski, J.H., 519
Szymke, T.E., 525, 601

T

Tabaddor, K., 489
Tabuena, A.L.A., 487
Taylor, J.R., 322
Taylor, R.G., 483, 495, 505, 506, 515
Taylor, R.S., 514
Terrence, C.F., 486
Thelen, M.H., 548
Theologides, A., 508
Thetgyi, K., 513
Thielen, P.L., 285
Thompson, M., 468
Thompson, R., 487
Thompson, S., 513
Thornhill, H.L., 487, 497
Thorsteinsson, G., 519, 520
Thurkal, S., 513
Toklucu, T., 491
Tootle, D.O., 497
Torp, M.J., 522
Torres, M., 482
Trauber, R., 507
Traynor, C.D., 317
Trela, P.A., 491
Trief, P.M., 53
Turner, J.A., 560
Turski, P., 488
Twomey, L.T., 322

U

Underwood, P.D., 249
Utsinger, P.D., 486
Uttermohlen, D.M., 498

V

Vachranukunkiet, T., 482
Van Bockstaele, P., 497
Varghese, G., 496
Vasudevan, S.V., 285, 311
Veroff, A.E., 503
Viosca, S., 496
Vitale, P.A., 482
Vivas, C., 495
VonWachenfeldt, B., 524
Vroman, G.M., 456

W

Wade, D.T., 24
Waggener, S., 276
Wagner, K.A., 515, 519
Wainapel, S.F., 482, 519
Walley, M., 243
Walsh, D., 505
Warath-Crouch, S., 510
Warren, C.G., 523, 575
Waylonis, G.W., 497
Weaver, A.W., 183
Weinberg, R.M., 515, 523, 524, 588
Weinerman, J.D., 16
Weingarden, S., 523
Weiss, P.L., 11
Weissberg, M.P., 90
Welch, M.A., 490
Welte, C.E., 525
Wevers, H.W., 374
Whiteneck, G.G., 507
Wiechers, D.O., 496, 522
Wilkerson, D.L., 498
Willard, R.R., 548
Willems, E.P., 167, 498
Williams, M.E., 495
Willis, P., 510
Wilmot, C.B., 484
Wilson, B., 508
Windsor, C., 496

Winter, D.A., 417
Wisham, L.H., 304
Wishner, K.L., 506
Witt, P.L., 255
Wolf, L.S., 521
Wolf, S.L., 505
Wongsam, P.E., 16, 492
Woolston, D.C., 484
Wright, E.S., 132
Wright, J.B., 132
Wright, J.E., 77
Wright, K.C., 508
Wrisley, D., 484
Wu, Y., 117

Y

Yalmokas, J.A., 507
Yang, J.F., 417
Yarkony, G.M., 494
Yasuda, Y.L., 510
Yu, J., 487

Z

Zagar, R., 364
Zaretsky, H.H., 501
Zarr, J.S., 492
Zazula, J.L., 137
Zazula, T., 489
Zickel, R.E., 441

INDEX TO ADVERTISERS

Audio-Stats Educational Services, Inc.
2639 S. La Cienega Blvd.
Los Angeles, CA 90034
January, February, March, July, October, November

Cadwell Laboratories
4312 W. Kennewick Avenue
Kennewick, WA 99336
March, April, May, June, October, December

Charles C. Thomas – Publisher
2600 South First Street
Springfield, IL 62717
March, May, August, October, December

Disa Electronics
779 Susquehanna Avenue
Franklin Lakes, NJ 07417
February, April, June, August, October, December

F.A. Davis Company
1915 Arch Street
Philadelphia, PA 19103
April, July, August

Hyperion
14100 S.W. 136th Street
Miami, FL 33186
October

Geigy Pharmaceuticals
566 Morris Avenue
Summit, NJ 07901
January, February, March, April, May, July, August, September, October, November, December

J.E. Hanger, Inc.
40 Patterson Street
Washington, D.C. 20002
March, May, June, July, August, October

Jobst Institute, Inc.
Box 653
Toledo, OH 43694
January, February, March, April, May, September, October, November

Nicolet Biomedical
5225-4 Verona Road
PO Box 4287
Madison, WI 53711-0287
August, September, October, December

Motion Designs, Inc.
1075 Cole
Clovis, CA 93612
July, September, November, December

Neuro Diagnostics, Inc.
111 West Dyer Road
Santa Ana, CA 92707
January, February, March, May, June, July, August, September, October, November, December

Progressive Exercisers, Inc.
PO Box 1302
Goleta, CA 93116
March

Raven Press
1140 Avenue of the Americas
New York, NY 10036
March

ROHO Research and Development, Inc.
PO Box 866
East St. Louis, IL 62203
January

Roloke Co.
PO Box 24DD3
Los Angeles, CA 90024
August, September, October, November, December

Tampa General Hospital–Rehabilitation Center
Davis Island
Tampa, FL 33606
December

TECA Corporation
3 Campus Drive
Pleasantville, NY 10570
January, February, March, April, May, June, July, August, September, October, November, December

Theradyne Corporation
21730 Hanover Avenue
Lakeville, MN 55044
May, August

Williams & Wilkins
Dept. M6, PO Box 1496
Baltimore, MD 21203
April, May

ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION
Volume 64, January-December, 1983

Number 1, January 1983

Rehabilitation Research: Habit Analysis and Recommendations. Walter C. Stolov, MD 1
Neurogenic Bladder: A Guide to Evaluation and Management. Arthur S. Abramson, MD 6
Upper and Lower Extremity EMG Correlations During Normal Gait. Patrice L. Weiss, MSc, Diane St. Pierre, MSc 11
Carpal Tunnel Syndrome: Use of Palmar Stimulation of Sensory Fibers. Patricia E. Wongsam, MD, Ernest W. Johnson, MD, Julia D. Weinerman, MD 16
Skin Breakdown in Patients with Myelomeningocele. Gary A. Okamoto, MD, Jan V. Lamers, David B. Shurtleff, MD 20
Predicting Barthel ADL Score at 6 Months After an Acute Stroke. Derick T. Wade, MRCP, Clive E. Skilbeck, MPhil, Richard Langton Hewer, FRCP 24
Adhesive Capsulitis (Frozen Shoulder): A New Approach to Its Management. Tewfik E. Rizk, MD, Robert P. Christopher, MD, Robert S. Pinals, MD, A. Conner Higgins, MD, Rita Friz, RPT 29
Spinal Leptomeningeal Invasion from Intracranial Glioblastoma Multiforme. Frederick M. Vincent, MD 34
Devices to Enable Persons with Amputation to Participate in Sports. Gustav Rubin, MD, David Fleiss, MD 37
Arthur S. Abramson, MD; Academy President 1971-72. Heinz I. Lippman, MD 44
Information for Authors 41
Letters to the Editor 45
Abstracts of Selected Literature 19, 28, 33
Book Reviews 36
Errata 19
Index to Advertisers 40
New President of Academy. Murray M. Freed, MD 46
Editorial Board Elects Dr. Herbison 46

Number 2, February 1983

Sexual Experience and Plasma Testosterone Levels in Male Veterans After Spinal Cord Injury. Graham Phelps, MSW, Margaret Brown, MD, Jeanette Chen, PhD, Michael Dunn, PhD, Elaine Lloyd, MS, RN, Marcia L. Stefanick, PhD, Julian M. Davidson, MD, Inder Perkash, MD 47
Chronic Back Pain: A Tripartite Model of Outcome. Paula M. Trief, PhD 53
Discharge Planning Effect on Length of Hospital Stay. Elizabeth Palmer Cable, MS, Stanley P. Mayers, Jr., MD 57
Social Support Needs in Adjustment to Stroke. Ron L. Evans, MSW, Lawrence K. Northwood, PhD 61
Sciatic Nerve Compression by Preexisting Heterotopic Ossification During General Anesthesia in the Dorsal Lithotomy Position. Leon Reinstein, MD, John W. Eckholdt, MD 65
Wrist Subluxation in Juvenile Rheumatoid Arthritis: Pathophysiology and Management. Thomas W. Findley, MD, Daniel Halpern, MD, Jessie K.M. Easton, MD 69
Splint Therapy for Trigger Finger in Children. Yuichi Tsuyuguchi, MD, Koichi Tada, MD, Hideo Kawaii, MD 75
Isokinetic, Isometric and Isotonic Strength Relationships. Joseph J. Knapik, MS, James E. Wright, PhD, Roberta H. Mawdsley, EdD, Joanne M. Braun, BS 77
Sex Counseling: Comparison of Attitudes of Disabled and Nondisabled Subjects. Victor Florian, PhD 81
Strategies for Recruiting Medical Students to Physical Medicine and Rehabilitation. Thomas P. Anderson, MD, Douglas A. Fenderson, PhD, Frederic J. Kottke, MD 85
Ultrasound in Treatment of Back Pain Resulting from Prolapsed Intervertebral Disc. Vincent C.B. Nwuga, PhD 88
Ultrasound Abuse: Case Report. James L. Levenson, MD, Michael P. Weissberg, MD 90
Letters to the Editor 92
Book Reviews 60,64,68
Abstracts of Selected Literature 80,84
Index to Advertisers 87
Dr. James Lieberman to Editorial Board 93
New President of Congress. Sam C. Colachis, Jr., MD 94
Gold Key to Dr. Ernst Marquardt 94

Number 3, March 1983

Whence Our Academy? G. Keith Stillwell, MD 97
Cardiopulmonary Response in Spinal Cord Injury Patients: Effect of Pneumatic Compressive Devices. Chi-Tsou Huang, MD, Keith V. Kuhlemeier, PhD, Ubol Ratanaubol, MD, Ann B. McEachran, BS, Michael J. De Vivo, MPH, Philip R. Fine, PhD 101
Glucose Intolerance in Spinal Cord Injury. W.C. Duckworth, MD, P. Jallepalli, MD, S.S. Solomon, MD 107
Colonic Compliance in Patients with Spinal Cord Injury. Hooshang Meshkinpour, MD, Farhad Nowroozi, MD, Michael E. Glick, MD 111
Intra-articular Temperature: Technique and Reliability in an Animal Model. John L. Merritt, MD, Gene G. Hunder, MD, Herbert M. Reiman, Jr., MD 113
Axillary F Central Latency: Simple Electrodiagnostic Technique for Proximal Neuropathy. Yeongchi Wu, MD, Jeffery R.M. Kunz, MD, Timothy D. Putnam, MD, Joseph S. Stratigos, MD 117

Reflex Cervical Muscle Spasm: Treatment by Diazepam, Phenobarbital or Placebo. John V. Basmajian, MD 121
Revascularization Surgery: Impact on Lower Extremity Amputations. Aaron M. Rosenthal, MD, Narayan K. Reddy, MD..... 125
Microwave Diathermy: Effects on Experimental Muscle Hematoma Resolution. Justus F. Lehmann, MD, Diane E. Dundore, MD, Peter C. Esselman, MPT, Wil B. Nelp, MD..... 127
Passive Range of Motion, Not Isometric Exercise, Amplifies Acute Urate Synovitis. John H. Merritt, MD, Gene G. Hunder, MD 130
Lymphedema Treated with a Linear Pump: Pediatric Case Report. M.A. Alexander, MD, E.S. Wright, J.B. Wright, J.B. Bikowski, MD 132
Vestibular Stimulation for a Supranuclear Gaze Palsy: Case Report. Charles C. Marshall, MD, Frederick M. Maynard, MD..... 132
Mobility Device for a Child with Phocomelia. Judith Lee Zazula, MS, OTR, Richard A. Foulds, MS 137
Letters to the Editor 140
Book Reviews 120, 124, 136
American Academy of Physical Medicine and Rehabilitation 1983 Board of Governors, Committees, Liaisons 142

Number 4, April 1983

On Involvement. Victor Cummings, MD 145
Cost-Benefits of Medical Rehabilitation: Review and Critique. Mark V. Johnston, MA, Robert Allen Keith, PhD..... 147
Cardiac Response to Exercise: Comparison of 3 Ergometers. Jonathan R. Moldover, MD, John A. Downey, MD..... 155
Biofeedback Therapy to Achieve Symmetrical Gait in Children with Hemiplegic Cerebral Palsy: Long-Term Efficacy. Barry R. Seeger, PhD, David J. Caudrey, PhD 160
Cubital Tunnel Syndrome in Rheumatoid Arthritis. Ofelia M. Balagtas-Balmaseda, MD, Martin Grabois, MD, Philip F. Balmaseda, MD, Martin D. Lidsky, MD 163
Patient Behavior Monitoring Through Self-Reports. Mary Ann Parris Stephens, PhD, Carolyn Norris-Baker, PhD, Edwin P. Willems, PhD 167
Vocational Adjustment after Total Laryngectomy. Jean L. Richardson, DrPH 172
Hate in the Rehabilitation Setting. Jerome S. Gans, MD..... 176
Splenic Rupture and Splenectomy Due to Fall from Wheelchair. S. Miller Paulson, MD, C. Hatvani, MD, Charles Long, MD.... 180
Anterior Interosseous Nerve Syndrome: Unusual Etiologies. Mohammad A. Saeed, MD, Paul F. Gatens, MD 182
Feeding Device for Glossectomy Patients. Susan M. Fleming, PhD, Arthur W. Weaver, MD 183
Wheelchair Racing: An Important Modality in Acute Rehabilitation after Paraplegia. Julie G. Botvin Madorsky, MD, Arthur Madorsky, MD 186
Letters to the Editor 188
Book Reviews 159, 171
Abstracts of Selected Literature 162, 175, 185
American Congress of Rehabilitation Medicine, 1983 Board of Governors, Committees, Liaisons 189

Number 5, May 1983

Physical Medicine and Rehabilitation: Uniqueness and Focus. John F. Ditunno, Jr., MD 191
Disorders of Neuromuscular Transmission: A Review. Jasper R. Daube, MD 195
Exercise Therapies in Peripheral Neuropathies. Gerald J. Herbison, MD, M. Mazher Jaweed, MS, John F. Ditunno, Jr., MD 201
Carpal Tunnel Syndrome: Median Nerve Stress Test. Edgar L. Marin, MD Sanford Vernick, MD, Lawrence W. Friedmann, MD 206
Conduction Studies of the Medial Cutaneous Nerve of the Forearm. Moola Prabhaker Reddy, MD 209
Calculated Nerve Conduction Velocity Dependence upon the Method of Testing. R.L. Joynt, MD 212
Acetylcholine Sensitivity and Fibrillation Potentials in Electrically Stimulated Crush-Denervated Rat Skeletal Muscle. Gerald J. Herbison, MD, M. Mazher Jaweed, MS, John F. Ditunno, Jr., MD 217
Median Nerve Residual Latency: Normal Value and Use in Diagnosis of Carpal Tunnel Syndrome. George H. Kraft, MD, Glen A. Halvorson, MD 221
Motor and Sensory Ulnar Nerve Conduction Velocities: Effect of Elbow Position. Catherine Harding, MD, Eugen Halar, MD 227
Epithets and Attitudes. Edward E. Gordon, MD..... 234
Abstracts of Selected Literature 205
Book Reviews 211
Letters to the Editor 232
Fred Bennett Moor, MD, Academy President in 1944-46 236

Number 6, June 1983

A Holistic Approach to Rehabilitation for the Limb-Deficient Child. Ernst G. Marquardt, MD 237
Functional Comparison of Upper Extremity Amputees Using Myoelectric and Conventional Prostheses. R.B. Stein, DPhil, M. Walley, OT..... 243
Arm Crank vs Handrim Wheelchair Propulsion: Metabolic and Cardiopulmonary Responses. Philip A. Smith, MS, Roger M. Glaser, PhD, Jerrold S. Petrofsky, PhD, Paul D. Underwood, MS, Glen B. Smith, BA, Julia J. Richard, BFA 249
Oxygen Consumption of Elderly Persons with Bilateral Below Knee Amputations: Ambulation vs Wheelchair Propulsion. Lori Lovley DuBow, RPT, Philip L. Witt, MS, RPT, Murali P. Kadaba, PhD, Rudolpho Reyes, MD, George Van B. Cochran, MD 255
Functional Ability Indices: Measurement Problems in Assessing Their Validity. Joseph M. Kaufert, PhD..... 260
Patient Profiles: Utilization in Functional Performance Assessment. Richard F. Harvey, MD, Hollis M. Jellinek, PhD..... 268
Stress and Personal Attitudes in Chronic Illness. Michael A. Counte, PhD, Linas A. Bieliauskas, PhD, Marcia Pavlou, PhD 272
Wheelchair Transfer Training for Right Cerebral Dysfunctions: An Interdisciplinary Approach. Karen M. Stanton, MS, Mary Pepping, PhD, Jo Ann Brockway, PhD, Laurel Bliss, RPT, Donna Frankel, MD, Susan Waggener, OTR 276
Dysphagia: Predicting Laryngeal Penetration. Patti Linden, MA, Arthur A. Siebens, MD..... 281

Contour Donor Chair: Device to Maximize Effects of Overhead Cervical Traction. Sridhar V. Vasudevan, MD, Paul L. Thielen, PT, John L. Melvin, MD 285
Errata 271
Book Reviews 280, 284
Abstracts of Selected Literature 286

Number 7, July 1983

Undergraduate Curricula in PM&R: Implications for Resident Recruitment and General Image of the Specialty. Miriam E. Lane, MD 287
Gait Analysis in Cerebral Palsied and Nonhandicapped Children. Kristina Skrotzky, PhD 291
Anterior Tibial Compartment Pressure During Running with Rearfoot and Forefront Landing Styles. R. Lee Kirby, MD, A.G. Patrick McDermott, MD 296
Energy Expenditure in Hip Disarticulation and Hemipelvectomy Amputees. Farhad Nowroozi, MD, Mario L. Salvanelli, RPT, Lynn H. Gerber, MD 300
Amyotrophic Lateral Sclerosis: A Comprehensive Rehabilitation Approach. Danuta W. Janiszewski, MD, James T. Caroscio, MD, Lawrence H. Wisham, MD 304
Hysterical Conversion Reactions: Some Patient Characteristics and Treatment Team Reactions. Thomas D. Stewart, MD 308
Chronic Pain Therapy with Transcutaneous Electrical Nerve Stimulation: Predictive Value of Questionnaries. Alan C. Reynolds, MD, Stephen E. Abram, MD, Ralph A. Anderson, PhD, Sridhar V. Vasudevan, MD, N. Timothy Lynch, PhD 311
Urinary Tract Care: Improvement Through Patient Education. Thomas P. Anderson, MD, Ellen Newman, MS, Robert Dryja, MA, Mary Price, MD 314
Micturition Monitor as an Aid to Management of Neurogenic Bladder. Edward J. O'Shaughnessy, MD, Charles D. Traynor, BS, Rosemarian Berni, MN, RN 317
Pregnancy and the Herniated Lumbar Disc. Myron M. LaBan, MD, Jane C.S. Perrin, MD, Frederick R. Latimer, MD 319
Sagittal Movements of the Human Lumbar Vertebral Column: A Quantitative Study of the Role of the Posterior Vertebral Elements. L.T. Twomey, PhD., J.R. Taylor, MBBS 322
Voluntary Anterior Dislocation of the Shoulder: Case Study. Barbara J. Rosaaen, RPT, Joel A. DeLisa, MD 326
Spinal Cord Injury: Diagnostic Indicators. Joseph Rebhun, MD, Julie G. Botvin Madorsky, MD 329
Sling Support During Pregnancy After Hemipelvectomy: Case Report. Patricia A. Stavrakas, BS, Gloria T. Sanders, MS 331
Directory of Societies of Physical Medicine and Rehabilitation in the United States, 1983 334
Book Reviews 299, 307, 313
Abstracts of Selected Literature 316, 321, 325, 330
PM&R News 337

Number 8, August 1983

Gait Patterns in Above-Knee Amputee Patients: Hydraulic Swing Control vs. Constant-Friction Knee Components. M. Patricia Murray, PhD, Louise A. Mollinger, MS, Susan B. Sepic, BS, Gena M. Gardner, BS, Marcia T. Linder, BS 339
Discharged Rehabilitation Patients: Impact of Follow-up Surveillance by a Friendly Visitor. Vincent Mor, PhD, Carl V. Granger, MD, Clarence C. Sherwood, PhD 346
Inpatient Medical Rehabilitation: Results of the 1981 Survey of Hospitals and Units. Ross Mullner, PhD, Frank J. Nuzum, PhD, Dale Matthews, BA 354
Psychologic Prediction of Duration of Inpatient Spinal Cord Injury Rehabilitation and Performance of Self-Care. James Malec, PhD, Robert Neimeyer, PhD 359
Clinical Exercise Trial for Stroke Patients. Martha K. Logigian, MS, OTR, Martin A. Samuels, MD, Judith Falconer, MPH, OTR, Robert Zagar, PhD 364
Genu Recurvatum: Auditory Biofeedback Treatment for Adult Patients with Stroke or Head Injuries. Raymond E. Hogue, PhD, Sylvia McCandless, BS 368
Swallowing, Ingestion and Dysphagia: A Reappraisal. Norman A. Leopold, DO, Marion C. Kegel, CCC/SP 371
Wheelchair and Occupant Restraint System for Transportation of Handicapped Passengers. Henk W. Wevers, Jr., PEng 374
Provision of Assistive Equipment for Handicapped Persons. J. Kohn, MD, S. Enders, OTR, J. Preston, Jr., MSW, W. Motloch, CO 378
Nutritional Management of a Patient with Brian Damage and Spinal Cord Injury. Carolee Bildsten, RD, Sofjan Lamid, MD 382
Glossopharyngeal Breathing: Its Application with a Traumatic Quadriplegic Patient. Peggy Clough, MS, PT 384
Walking Cane Designed to Assist Partial Weight Bearing. Joel Engel, MD, Aya Amir, EdD, Eli Messer, MD, Israel Caspi, MD 386
Abstracts of Selected Literature 345, 370, 377
Book Reviews 358, 373, 381
Letters to the Editor 389
PM&R News 390

Number 9, September 1983

Educational Needs Assessment in Physical Medicine and Rehabilitation: The Foundation of Continuing Medical Education. Nancy A. Coldeway, PhD, Joel A. DeLisa, MD 391
In-Hospital Exercise Therapy in Patients with Severe Angina Pectoris. Ingo Stubbe, MD, Anders Gustafson, Peter Nilsson-Ehle, MD, Bo Agren, MD 396
Plastic Ankle-Foot Orthoses: Evaluation of Function. Justus F. Lehmann, MD, Peter C. Esselman, MPT, Michael J. Ko, MSME, J. Craig Smith, BS, Barbara J. deLateur, MD, Alan J. Dralle, BS 402
An Overview of Motor Unit Structure and Function. Lloyd Guth, MD 408
Nerve Conduction Studies in Upper Extremities: Skin Temperature Corrections. Eugen M. Halar, MD, Joel A. DeLisa, MD, Teri L. Soine, BS 412

Electromyography Reliability in Maximal and Submaximal Isometric Contractions. Jaynie F. Yang, MSc, David A. Winter, PhD 417
Dexamethasone Suppression Test and Depression in a Rehabilitation Setting. Mark Bauer, MD, Jerome S. Gans, MD, J. Preston Harley, PhD, William Cobb, MD 421
Resting Blood Flow in the Paretic and Nonparetic Lower Legs of Hemiplegic Persons: Relation to Local Skin Temperature. William C. Adams, PhD, Frederick J. Imms, MD 423
Prescriptions for Physical and Occupational Therapy in School. Gary A. Okamoto, MD, Irene McEwen, RPT, Karen Marlowe, OTR, Gary Hammons, MEd 429
Parkinsonism: Improvement by Electroconvulsive Therapy. Lewis A. Levy, MD, Jan M. Savit, MD, Meyer Hodes, MD 432
deQuervain's Stenosing Tenosynovitis in a Video Game Player. Leon Reinstein, MD 434
Rehabilitation of Memory After Craniocerebral Trauma: Case Report. James Malec, PhD, Kent Questad, PhD 436
Manuscript Reviewers 439
Abstracts of Selected Literature 401, 407, 428, 435
Book Reviews 411, 416, 420
PM&R News 440

Number 10, October 1983

Knee Joint Angle: Its Relationship to Quadriceps Femoris Activity in Normal and Postarthrotomy Limbs. David E. Krebs, MA, William H. Staples, BS, Denise Cuttita, MA, Robert E. Zickel, MD 441
Learning Goals During Initial Rehabilitation Hospitalization. Joseph Bleiberg, PhD, Charles Merbitz, PhD 448
Myoelectric Training for Preschool Children. Barbara J. O'Shea, MS, OT(C), Vaughn A. Dunfield, MSc, PEng 451
Visual Imperception in Brain-Injured Adults: Multifaceted Measures. Rosamond Gianutsos, PhD, David Glosser, MA, Jean Elbaum, MA, Georgine M. Vroman, PhD 456
International Trends in Aphasia Rehabilitation. Laurence Hilton, PhD, Kurt Kraetschmer, PhD 462
Motor Assessment Tools: Their Concurrent Validity in Evaluating Children with Multiple Handicaps. Susan R. Harris, PhD, Marie Thompson, PhD, Laura McGrew, BS 468
Handwriting Movement Quality in Prekindergarten and Kindergarten Children. Shelley A. Goodgold, MS, RPT 471
Physical Work Capacity in Adolescent Patients with Mild Idiopathic Scoliosis. Patrick J. DiRocco, PhD, Alan L. Breed, MD, James I. Carlin, MS, William G. Reddan, PhD 476
Encephalitis Herpes Simplex: Aural Rehabilitation Following Bilateral Deafness. Joseph J. Montano, MA, Clare C. Melley, MA, Daoud B. Karam, MD 479
Abstracts of Selected Literature 475
PM&R News 481
1983 Congress/Academy Abstracts 482

Number 11, November 1983

Slowly Progressive Proximal Weakness: Limb-Girdle Syndrome. William M. Fowler, Jr., MD, Nirmala N. Nayak, MD 527
Disodium Etidronate: Its Role in Preventing Heterotopic Ossification in Severe Head Injury. Gerri Spielman, MSN, RN, Thomas A. Gennarelli, MD, Claude R. Rogers, MD 539
Carotid Palpation and Heart Rate Changes in Postmyocardial Infarction Patients. Tommy Boone, PhD, Sherry M. Rape, MA 543
Hypnosis Compared to Relaxation in the Outpatient Management of Chronic Low Back Pain. Jimmy D. McCauley, MA, Robert G. Frank, PhD, Kenneth E. Callen, MD, Mark H. Thelen, PhD, Robert R. Willard, MD 548
Microvascular Changes due to Repeated Local Pressure-Induced Ischemia: Intravital Microscopic Study on Hamster Cheek Pouch. Mikael Romanus, MD, Ola Stenqvist, MD, Eric Svensjo, PhD, Takuhiko Ehira, MD 553
Wrist Dimensions: Correlation with Median Sensory Latencies. Ernest W. Johnson, MD, Timothy Gatens, MD, David Poindexter, MD, David Bowers, MD 556
Electrically Elicited Blink Reflex in Children. A. Blank, MD, I. Ferber, MD, Y. Shapira, MD, A. Fast, MD 558
Chronic Low Back Pain: Predicting Response to Nonsurgical Treatment. Judith A. Turner, PhD, James Robinson, MD, Charles P. McCreary, PhD 560
Metabolic Cost of Extremely Slow Walking in Cardiac Patients: Implications for Exercise Testing and Training. Barry A. Franklin, PhD, Adelfo Pamatmat, MD, Susan Johnson, MS, Joanne Scherf, MS, Marilyn Mitchell, MSN, RN, Melvyn Rubenfire, MD 564
Wrist Driven Flexor Hinge Orthosis: Linkage Design Improvements. Jerome Stenehjem, MD, James Swenson, MD, Charles Sprague, MD 566
Examination Table for Physically Disabled Patients. William E. Staas, Jr., MD, Joseph T. Muldowney, BS 569
1983 Certified Diplomates of the American Board of Physical Medicine and Rehabilitation 570
PM&R News 572
Abstracts of Selected Literature 555, 557, 563, 571
Book Reviews 574

Number 12, December 1983

Heating Patterns Produced by Shortwave Diathermy Applicators in Tissue Substitute Models. Justus F. Lehmann, MD, John A. McDougall, BS, Arthur W. Guy, PhD, C. Gerald Warren, MPA, Peter C. Esselman, MPT 575
Prescriptive Arm Ergometry to Optimize Muscular Endurance in Acutely Injured Paraplegic Patients. Chi-Tsou Huang, MD, Ann B. McEachran, BS, Keith V. Kuhlemeier, PhD, Michael J. DeVivo, DrPH, Philip R. Fine, PhD 578
Hemiplegic Gait: Analysis of Temporal Variables. Murray E. Brandstater, MBBS, Hubert deBruin, PhD, Carolyn Gowland, MHSc, Beverly M. Clark, RPT 583
Impatient Management by a Nurse Practitioner: Effectiveness in a Rehabilitation Setting. Robert M. Weinberg, MD, James S. Liljestrand, MD, Suzanne Moore, RNC 588
Multiple Sclerosis and Mobility Restriction. Herbert M. Baum, PhD, Beth B. Rothschild, BA 591
Prognosis for Improved Verbal Communications in Aphasic Stroke Patients. Robert C. Marshall, PhD, David S. Phillips, PhD 597
Hemidiaphragmatic Paralysis: An Unusual Complication of Cervical Spondylosis. Maynard C. Buszek, MD, Thomas E. Szymke, MD, Joseph C. Honet, MD, James A. Raikes, MD, H. Harvey Gass, MD, William Leuchter, MD, Stephen A. Bendix, MD 601
Head-Control System for Severely Paralyzed Patient. Frances Silverstein, OTR, Arthur A. Siebens, MD 604
Auditory Feedback Device in a Patient with Left-Sided Neglect. Alan K. Gruskin, DO, Sharon M. Abitante, RPT, Andrea T. Gorski, RPT 606
Communicating and Utilizing Research in Medical Rehabilitation. Marcus J. Fuhrer, PhD 608
Abstracts of Selected Literature 582, 590, 596, 600, 605
Book Reviews 603, 607
1983 Annual Index 611

INDEX TO PAGES

Volume 64, January-December 1983

January 1– 46
February 47- 96
March 97-144
April 145-190
May 191-236
June 237-286
July 287-338
August 339-390
September 391-440
October 441-526
November 527-574
December 575-626